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THE NOTIFIABLE DISEASES

PREVALENCE DURING 1928 IN CITIES OF 10,000 TO 100,000 POPULATION

SUPPLEMENT No. 77

TO THE

PUBLIC HEALTH REPORTS

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THE NOTIFIABLE DISEASES

PREVALENCE DURING 1928 IN CITIES OF 10,000 TO 100,000 POPULATION[1]

The tables shown on the following pages were compiled from data furnished by the health officers of the cities:

The following is a list of the diseases included:

Anthrax.
Chicken pox.
Dengue.
Diphtheria.
Influenza.
Lethargic encephalitis.
Malaria.
Measles.
Meningococcus meningitis.
Mumps.
Pellagra.
Pneumonia (all forms).
Poliomyelitis (infantile paralysis).
Rabies in animals.
Rabies in man.
Rocky Mountain spotted fever.
Scarlet fever.
Septic sore throat.
Smallpox.
Tuberculosis (all forms and respiratory system).
Tularaemia.
Typhoid fever.
Typhus fever.
Undulant fever.
Whooping cough.

The present article contains reports from cities having between 10,000 and 100,000 population. It is believed that practically all of these cities are included which have records of morbidity from communicable diseases which are of value for statistical purposes.

Populations as given in the tables were estimated by the Bureau of the Census. Estimates are not available for many cities.

The estimated expectancy, given in the tables for some of the diseases, is the result of an attempt to ascertain from the experience of recent years how many cases of the disease under consideration might be expected in 1928. In most instances the estimated expectancy is the median number of cases reported by the city for the years 1921 to 1927, inclusive. When several epidemics have occurred during these years, or when for other reasons the median is not satisfactory, epidemic years are excluded, and the estimated expectancy is the mean of the number of cases reported for the nonepidemic years. The aim has been to ascertain how many cases of each disease may reasonably be expected in the absence of epidemics.

The column headed "Number of years" shows the number of years since 1920 for which data are available for each city.

In comparing the figures for 1928 with the estimated expectancy, averages, or with reports for preceding years, it should be borne in mind that there has been a gradual improvement in the reporting of communicable diseases during the last few years. An increase in

[1] Data for cities having more than 100,000 population are published in Supplement No. 76.

the number of cases reported may be due to better reporting of the particular disease rather than to an increase in the number of cases occurring.

In studying these tables it should be kept in mind that a relatively large number of reported cases of a communicable disease as indicated by a high case rate (and more especially when accompanied by a relatively small number of deaths, as indicated by a low fatality rate) usually means that the health department of the city reporting is active and that the cases of the disease are being well reported by the practicing physicians. It does not usually mean that the disease is more prevalent in that city than in other cities. A high fatality rate may mean that the disease was unusually virulent in a city, that the physicians did not treat the disease in that city with the success usual elsewhere, or that the practicing physicians did not report all of their cases to the health department. On the other hand, an unusually low fatality rate may be due to the fact that the disease in the city was unusually mild, that the physicians treated it with unusual success, that the practicing physicians reported their cases satisfactorily, or that the registration of deaths was incomplete or the assignment of the causes of death inaccurate.

Cities which did not report either cases or deaths of a certain disease in 1928 are not included in the table for that disease.

Reported Prevalence for the Year 1928

ANTHRAX

City	Cases reported, 1928	Deaths registered, 1928	City	Cases reported, 1928	Deaths registered, 1928
Arkansas:			New York—Continued.		
Little Rock	1	1	Gloversville	3	0
California:			Jamestown	1	1
Sacramento	1	1	Johnstown	1	0
Massachusetts:			Oregon:		
Haverhill	3	0	Astoria	1	0
New York:					
Amsterdam	1	0			

CHICKEN POX

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		3	8	7		0		
Florence		3	14	11		0		
Gadsden		2	13	34		0		
Mobile	69,600	5	34	13	0.19	0		
Montgomery	63,100	3	112	156	2.47	0		
Selma		1	29	77		0		

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Arizona:								
Douglas		2	20	100		1		100
Tucson		5	11	52		0		
Arkansas:								
Fort Smith		5	84	107				
Helena		1	11	16		0		
Little Rock	79,200	6	52	74	0.93	0		
Pine Bluff				111		0		
California:								
Alhambra		4	99	117		0		
Bakersfield		6	13	7		0		
Berkeley	71,000	6	547	719	10.13	1	0.01	719
Chico		4	9	5		0		
Eureka		6	44	56		0		
Pasadena	62,100	6	478	420	6.76	0		
Pomona		5	76	60		0		
Richmond		6	5	11				
Riverside		6	192	163		0		
Sacramento	75,700	6	154	298	3.94	0		
San Bernardino		4	126	60		0		
San Jose	45,500	6	98	282	6.20	0		
Santa Ana		6	43	257		0		
Santa Barbara		4	99	105		0		
Santa Cruz				62		0		
Stockton	51,000	5	131	376	7.37	0		
Vallejo		4	11	26		0		
Colorado:								
Boulder		6	76	262		0		
Colorado Springs		6	177	351		0		
Pueblo	44,200	6	200	384	8.69	0		
Trinidad		6	54	40		0		
Connecticut:								
Bristol		5	33	104		0		
Danbury		1	12	14		0		
Fairfield		6	46	47		0		
Greenwich		6	114	189		0		
Manchester		5	14	37		0		
Meriden	37,100	5	47	118	3.18	0		
New Britain	72,800	6	116	220	3.02	0		
New London		5	44	27		0		
Norwich		5	12	54				
Stamford	43,800	4	112	122	2.79	0		
Stratford		5	56	52				
West Hartford		2	89	102		0		
Georgia:								
Athens		5	33	57		0		
Brunswick		5	52	7		0		
Columbus	46,600			3	.06	0		
Lagrange		3	12	2		0		
Macon	61,200	6	110	103	1.68	0		
Savannah	99,900	6	43	66	.66	0		
Waycross		2	51	49		0		
Idaho:								
Boise		6	67	57		0		
Pocatello		5	49	25		0		
Illinois:								
Aurora	47,100	5	179	306	6.50	0		
Berwyn		6	107	429		0		
Bloomington		6	247	179		0		
Blue Island		6	53	86		0		
Champaign		6	72	106				
Chicago Heights		5	9	5		0		
Cicero	71,600	6	156	292	4.08	0		
Collinsville				38		0		
Decatur	57,100	5	171	283	4.96	0		
East Moline		4	38	11		0		
East St. Louis	74,000	6	38	30	.41	0		
Elgin	36,000	6	287	225	6.25	0		
Evanston	47,600	6	320	470	9.87	0		
Galesburg		6	157	61		0		
Granite City		2	25	9		0		
Jacksonville		6	115	217		0		
Joliet	41,900	4	38	25	.60	0		
Kewanee		5	205	66		0		

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Illinois—Continued.								
Maywood		6	80	77				
Moline	35,600	6	251	147	4.13	0		
Oak Park	57,700	6	481	435	7.54	0		
Ottawa		3	11	28		0		
Pekin		6	58	114		0		
Quincy	39,800	6	136	198	4.97	0		
Rock Island	42,700	6	209	244	5.71	0		
Rockford	82,800	6	396	518	6.26	0		
Springfield	67,200	6	218	206	3.07	0		
Streator		4	28	23		0		
Urbana		4	92	244		0		
Waukegan		5	44	137		0		
West Frankfort		1	4	5				
Indiana:								
Crawfordsville		6	19	32		0		
East Chicago	50,800	6	35	37	.73	0		
Elkhart		5	6	15		0		
Elwood		6	32	12		0		
Evansville	98,100	2	80	121	1.23	0		
Gary	89,100	5	122	296	3.32	0		
Hammond	56,000	4	30	33	.59	0		
La Fayette		6	19	7		0		
La Porte		5	4	8		0		
Logansport		6	20	1				
Michigan City		6	13	7		0		
Mishawaka		6	16	16		0		
Muncie	46,800	6	265	115	2.46	1	0.02	115
Newcastle		5	7	3		0		
Peru		2	25	12		0		
Richmond		6	16	22		0		
South Bend	86,100	6	153	63	.73	0		
Terre Haute	73,500	6	97	87	1.18	0		
Wabash		3	4	4		0		
Whiting		6	10	3		0		
Iowa:								
Boone		4	68	101		0		
Burlington		6	88	95		0		
Cedar Rapids	58,200	4	94	157	2.70	0		
Davenport	[1] 52,500	5	47	148	2.82	0		
Fort Dodge		4	13	48				
Keokuk		1	178	82				
Mason City		4	27	90		0		
Sioux City	80,000	3	82	268	3.35	0		
Waterloo	37,100	5	206	266	7.17	0		
Kansas:								
Arkansas City		3	6	43		0		
Atchison		2	29	126				
Coffeyville		6	26	12		0		
Eldorado		5	109	77		0		
Emporia		5	34	80		0		
Fort Scott		6	13	34		0		
Lawrence		6	48	28		0		
Leavenworth		6	33	28		0		
Pittsburg		5	9	15				
Topeka	62,800	6	506	810	12.90	0		
Wichita	99,300	5	576	313	3.15	0		
Kentucky:								
Covington	59,000	5	34	36	.61	0		
Lexington	48,700	4	106	121	2.48	0		
Paducah		6	69	90				
Louisiana:								
Alexandria		2	11	5		0		
Baton Rouge		4	3	6		0		
Lake Charles		5	38	10		0		
Shreveport	81,300	5	92	109	1.34	0		
Maine:								
Auburn		5	38	152		0		
Bath		6	17	7		0		
Biddeford		5	22	31		0		
Lewiston	36,600	6	81	85	2.32	0		
Portland	78,600	6	310	341	4.34	0		

[1] Population, State census, 1925.

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Maine—Continued.								
Sanford		5	4	5		0		
Waterville		6	67	57		0		
Westbrook		2	3	10		0		
Maryland:								
Cumberland		5	46	50		0		
Frederick		2	8	18		0		
Massachusetts:								
Adams		6	13	34		0		
Amesbury		5	17	43		0		
Arlington		6	106	166		0		
Athol		3	9	2		0		
Attleboro		5	59	27		0		
Belmont		5	105	77		0		
Beverly		6	33	37		0		
Braintree		5	31	31		0		
Brockton	[1] 65,300	6	133	152	2.33	0		
Brookline	45,700	6	149	200	4.38	0		
Chelsea	49,800	6	63	28	.56	0		
Chicopee	45,400	5	14	10	.22	0		
Clinton		6	32	20		0		
Danvers		6	18	16				
Dedham		5	27	7		0		
Easthampton		6	4	5		0		
Everett	43,300	6	77	75	1.73	0		
Framingham		6	81	158		0		
Gardner		6	36	15		0		
Greenfield		5	69	123		0		
Haverhill	[1] 49,200	6	124	76	1.54	0		
Holyoke	60,400	4	40	28	.46	0		
Lawrence	[1] 93,500	6	114	94	1.01	0		
Leominster		6	37	29		0		
Malden	53,400	6	64	119	2.23	0		
Medford	52,900	6	120	360	6.81	0		
Melrose		6	39	28		0		
Methuen		6	62	68		0		
Milford		6	17	2		0		
Milton		3	81	59		0		
Natick		5	43	21		0		
Newburyport		6	34	49				
Newton	57,300	5	193	262	4.57	1	0.02	262
North Adams		5	7	18		0		
Northampton		6	63	136		0		
Northbridge		6	15	72		0		
Norwood		3	16	34		0		
Peabody		6	27	14				
Pittsfield	50,000	6	40	28	.56	0		
Plymouth		6	34	28		0		
Quincy	67,600	6	89	196	2.90	0		
Salem	43,000	6	67	25	.58	0		
Saugus		6	26	5		0		
Southbridge		5	5	12		0		
Taunton	40,600	6	16	15	.37	0		
Wakefield		6	26	22		0		
Watertown		6	79	53		0		
Webster		5	26	57				
West Springfield		3	17	17		0		
Westfield		6	21	19		0		
Weymouth		1	14	19		0		
Winchester		6	76	123				
Winthrop		6	58	20		0		
Woburn		5	14	14		0		
Michigan:								
Adrian		5	11	6		0		
Ann Arbor		6	177	231		0		
Battle Creek	47,200	5	323	351	7.44	0		
Benton Harbor		6	21	71				
Cadillac		2	6	42		0		
Hamtramck	99,800	6	30	44	.44	0		
Highland Park	86,400	6	271	107	1.24	0		
Ironwood		6	111	46		0		
Ishpeming		5	9	9		0		

[1] Population, State census, 1925.

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Michigan—Continued.								
Jackson	63,700	6	366	241	3.78	0		
Kalamazoo	56,400	6	296	331	5.87	0		
Lansing	79,600	6	533	556	6.98	0		
Marquette		5	105	128		0		
Muskegon	46,600	6	60	29	.62	0		
Owosso				78		0		
Pontiac	61,500	6	292	345	5.61	0		
Port Huron		6	207	164		0		
River Rouge		3	5	11		0		
Saginaw	75,600	6	175	97	1.28	0		
Sault Ste. Marie		6	87	35		0		
Minnesota:								
Albert Lea		2	8	85				
Austin		5	5	107		0		
Brainerd		3	10	127		0		
Faribault		5	48	140		0		
Hibbing		6	20	3		0		
Winona		6	77	50		0		
Mississippi:								
Greenville				73		0		
Jackson		5	99	243		0		
Meridian		3	26	36				
Missouri:								
Cape Girardeau		2	5	13		1		13
Carthage		1	7	15		0		
Hannibal		3	12	34		0		
Independence		4	17	12		0		
Joplin		5	17	34				
St. Joseph	78,500	6	76	88	1.12	0		
Springfield	51,700	5	38	76	1.47	0		
Webster Groves		1	15	7		0		
Montana:								
Anaconda		6	21	20		0		
Billings		2	95	75		0		
Butte	43,600	5	49	80	1.83	0		
Great Falls		5	182	552		0		
Helena		6	24	67		0		
Missoula		4	30	19		0		
Nebraska:								
Grand Island		6	38	49		0		
Lincoln	71,100	6	300	451	6.34	0		
North Platte		5	13	15		0		
New Hampshire:								
Claremont		4	7	15		0		
Dover		6	20	3		0		
Keene		6	8	1		0		
Laconia		2	15	135		0		
Nashua		6	6	22		0		
New Jersey:								
Asbury Park		6	43	46		0		
Bayonne	95,000	5	25	8	.08	0		
Belleville		6	40	42		0		
Bloomfield		5	164	175		0		
Bridgeton		6	30	30		0		
Clifton		5	25	37		0		
Dover		4	69	134		0		
East Orange	65,000	6	335	312	4.80	0		
Englewood		5	55	57				
Garfield		5	13	11		0		
Gloucester		3	8	23				
Hackensack		6	75	55		0		
Harrison		6	27	22				
Hoboken		6	28	7		0		
Irvington		5	155	301		0		
Kearny		5	159	99		0		
Lodi		3	5	5		0		
Long Branch		6	104	178		0		
Millville		2	40	14				
Montclair		6	188	471		0		
Morristown		6	85	95		0		
New Brunswick	40,800	4	60	74	1.81	0		
Nutley		2	18	42		0		
Orange	36,500	6	139	118	3.23	0		

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
New Jersey—Continued.								
Passaic	71,800	6	118	57	0.79	0		
Perth Amboy	50,100	6	27	63	1.26	0		
Plainfield		6	76	36		0		
Rahway		6	17	16		0		
Ridgefield Park		4	40	10		0		
Rutherford		4	33	33		0		
Summit		6	72	45		0		
Weehawken				19				
West New York		6	66	14		0		
West Orange		6	82	64		0		
New Mexico:								
Albuquerque		3	105	103		0		
New York:								
Amsterdam	36,200	6	122	24	.66	0		
Auburn	[1] 35,700	4	85	51	1.43	0		
Batavia		2	28	73		0		
Beacon		2	12	12		0		
Binghamton	74,800	6	288	174	2.33	0		
Cohoes		6	28	22		0		
Corning		5	31	189		0		
Cortland		5	13	14		0		
Dunkirk		6	42	129		0		
Elmira	50,000	5	209	175	3.50	0		
Endicott		4	119	93		0		
Freeport		3	12	14		0		
Geneva		5	164	11		0		
Gloversville		6	73	24		0		
Hornell		6	145	118		0		
Ithaca		6	62	103		0		
Jamestown	46,000	6	396	268	5.83	0		
Johnstown		4	27	31		0		
Kingston		5	74	61		0		
Little Falls		6	58	24		0		
Lockport		6	35	57		0		
Middletown		5	72	159		0		
Mount Vernon	54,700	6	168	110	2.01	0		
New Rochelle	48,800	6	99	45	.92	0		
Newburgh	30,400	6	53	32	1.05	0		
Niagara Falls	68,300	6	229	262	3.84	0		
North Tonawanda		6	58	27		0		
Olean		6	110	76		0		
Oneida				29		0		
Ossining		2	18	19		0		
Peekskill		6	53	83		0		
Poughkeepsie	39,100	6	107	64	1.64	0		
Rensselaer		5	20	5		0		
Rome		6	48	133		0		
Saratoga Springs		6	84	174		0		
Schenectady	93,300	6	241	271	2.90	0		
Troy	72,300	5	143	79	1.09	0		
Watertown	33,700	6	202	212	6.29	0		
Watervliet		4	10	2		0		
White Plains		6	111	102		0		
North Carolina:								
Asheville		6	75	78		0		
Concord				88				
Gastonia		1	8	21		0		
Greensboro	51,900	6	177	505	9.73	1	0.02	505
High Point		2	87	10		0		
New Bern		5	3	26		0		
Raleigh		6	225	100		0		
Rocky Mount		5	18	17		0		
Salisbury		2	62	144		0		
Wilmington	39,100	5	135	120	3.07	0		
Wilson		2	27	98		0		
Winston-Salem	80,000	6	212	167	2.09	0		
North Dakota:								
Fargo		3	150	230		0		

[1] Population, State census, 1925.

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Ohio:								
Ashland		2	7	17		0		
Ashtabula		6	31	8		0		
Barberton		6	15	4		0		
Bellefontaine		2	16	23		0		
Bucyrus		6	19	10		0		
Cambridge		5	19	5		0		
Campbell		5	36	74		0		
Chillicothe		6	13	14		0		
Cleveland Heights		6	268	482		0		
Conneaut		4	26	27				
Coshocton		3	16	121		0		
Cuyahoga Falls		6	65	23		0		
East Cleveland		6	257	250		0		
East Liverpool		6	4	4		0		
Elyria		5	80	39		0		
Findlay		6	88	87		0		
Hamilton	44,200	6	23	265	6.00	0		
Ironton		1	8	10		0		
Kenmore		6	106	168		0		
Lakewood	65,000	5	64	137	2.11			
Lima	49,700	6	111	38	.76	0		
Lorain	44,900	6	227	175	3.90	0		
Mansfield		6	224	211		0		
Marietta		3	2	6		0		
Marion		4	6	1		0		
Martins Ferry		6	9	16		0		
Massillon				1		0		
New Philadelphia		3	4	5		0		
Niles		5	44	42		0		
Norwood		6	34	25		0		
Piqua		6	18	3		0		
Portsmouth	41,200			22	.53	0		
Salem		6	85	69		0		
Sandusky		6	176	60		0		
Springfield	73,000	6	179	115	1.58	0		
Steubenville		6	12	4		0		
Tiffin		3	65	16		0		
Warren		4	59	95		0		
Zanesville		6	31	13		0		
Oklahoma:								
Shawnee				77		0		
Oregon:								
Astoria		5	16	30		0		
Salem		2	87	99		0		
Pennsylvania:								
Aliquippa		6	86	89		0		
Allentown	99,400	4	293	554	5.57	0		
Altoona	69,100	6	171	198	2.87	0		
Beaver Falls		6	31	30				
Braddock		6	42	39		0		
Bradford		5	61	182		0		
Butler		6	83	110		0		
Canonsburg		3	4	1				
Carlisle		6	61	68				
Chambersburg		6	43	80		0		
Charleroi		6	29	65				
Chester	74,200	4	108	73	.98	0		
Clairton		5	66	90		0		
Coatesville		6	31	23		0		
Connellsville		6	23	26		0		
Donora		5	10	7		0		
Du Bois		4	47	13		0		
Duquesne		4	16	3		0		
Easton	38,400	5	84	122	3.18	0		
Ellwood City		2	44	17				
Farrell		6	53	38				
Greensburg		4	19	6				
Harrisburg	86,900	6	372	243	2.80	0		
Homestead		6	25	15		0		
Jeannette		6	21	3		0		
Kingston		5	96	119				
Lancaster	58,300	6	345	462	7.92	0		
Lansford		4	5	6		0		

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania—Continued.								
Latrobe		2	34	27		0		
Lewistown		4	34	28				
McKees Rocks		4	18	8				
McKeesport	50,400	6	38	49	0.97	0		
Mahanoy City		1	4	7				
Meadville		2	22	141		0		
Monessen		6	41	34		0		
Nanticoke		5	3	1		0		
New Castle	52,500	6	62	28	.53			
Norristown	36,200	6	138	147	4.06	0		
North Braddock		6	25	31		0		
Oil City		6	166	378		0		
Phoenixville		5	28	30		0		
Pittston		5	5	9				
Plymouth		5	8	15				
Sharon		6	85	206		0		
Shenandoah		3	5	1		0		
Steelton		5	46	72				
Swissvale		6	60	51				
Uniontown		4	34	239		0		
Warren		6	156	69		0		
Williamsburg		1	8	7		0		
Williamsport	44,000	3	342	452	10.27			
York	49,900	5	121	58	1.16	0		
Rhode Island:								
Central Falls		2	9	2		0		
Cranston	37,500	5	9	4	.11	0		
Pawtucket	73,100	4	87	63	.86	0		
South Carolina:								
Charleston	75,900	4	54	33	.43	1	0.01	33
Columbia	50,600	5	152	267	5.28	0		
Florence		2	26	76				
Greenville		6	25	20		0		
South Dakota:								
Aberdeen		6	154	126				
Texas:								
Amarillo	39,200	4	40	2	.05	1	.03	2
Galveston	50,600	6	8	13	.26	0		
Tyler		6	17	62		0		
Waco	46,600	6	42	14	.30	0		
Wichita Falls		2	24	77				
Utah:								
Ogden	39,100	6	231	189	4.83	0		
Vermont:								
Barre		6	29	57				
Burlington		4	73	84		0		
Rutland		2	77	97				
Virginia:								
Alexandria		6	46	31		0		
Charlottesville		5	21	33		0		
Danville		6	36	36		0		
Lynchburg	38,600	5	171	153	3.96	0		
Newport News	53,300	6	183	99	1.86	0		
Petersburg	37,800	6	28	8	.21	0		
Portsmouth	61,600	6	10	10	.16	0		
Roanoke	64,600	5	119	212	3.28	0		
Suffolk		2	31	42		0		
Washington:								
Aberdeen		6	12	50		0		
Bremerton		3	75	73		0		
Everett		4	64	94		0		
Walla Walla		5	14	40		0		
Yakima		6	174	572		0		
West Virginia:								
Charleston	55,200	6	118	181	3.28	0		
Clarksburg		6	295	717		0		
Fairmont		6	37	17				
Huntington	68,600	5	3	8	.12	0		
Parkersburg		2	8	33				
Wheeling		6	232	208		0		

CHICKEN POX—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Wisconsin:								
Appleton		4	33	158		0		
Beloit		6	175	155		0		
Eau Claire		6	127	383		0		
Green Bay	36,100	6	47	97	2.69			
Kenosha	56,500	5	372	706	12.50	0		
La Crosse	30,400	5	141	289	9.51	0		
Madison	50,500	6	418	703	13.92	0		
Manitowoc		5	27	58		0		
Marinette		5	23	177		0		
Oshkosh	33,200	6	95	241	7.26	0		
Racine	74,400	6	315	399	5.36	0		
Sheboygan	35,100	6	38	29	.83	0		
Superior		6	55	43		0		
Waukesha		4	54	24		0		
Wausau		6	99	257		0		
West Allis		6	42	57		0		
Wyoming:								
Cheyenne		3	35	56		0		

DENGUE

City	Cases reported, 1928	Deaths registered, 1928	City	Cases reported, 1928	Deaths registered, 1928
Alabama:			South Carolina:		
Montgomery	1	1	Charleston	90	
Georgia:			Texas:		
Savannah	6	0	Galveston	3	0
Mississippi:					
Jackson	8	0			

DIPHTHERIA

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		3	34	20		2		10
Florence		4	9	7		1		7
Gadsden		2	18	25		1		25
Mobile	69,600	7	37	72	1.03	5	0.07	14
Montgomery	63,100	4	70	81	1.28	1	.02	81
Selma		1	23	16		5		3
Arizona:								
Douglas		2	4	7		0		
Tucson		5	9	47		1		47
Arkansas:								
Fort Smith		5	41	38				
Helena		1	37	3		0		
Little Rock	79,200	7	56	23	.29	1	.01	23
Pine Bluff				21		0		
California:								
Alhambra		4	50	20		1		20
Bakersfield		7	42	14		1		14
Berkeley	71,000	7	142	65	.92	1	.01	65

DIPHTHERIA—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
California—Continued.								
Chico		4	20	1		0		
Eureka		7	24	13		1		13
Pasadena	62,100	7	71	106	1.71	1	0.02	106
Pomona		6	23	26		0		
Richmond		7	34	9				
Riverside		7	34	37		6		6
Sacramento	75,700	7	127	61	.81	4	.05	15
San Bernardino		6	64	78		10		7
San Jose	45,500	7	40	47	1.03	1	.02	47
Santa Ana		7	63	91		6		15
Santa Barbara		5	34	30		1		30
Santa Cruz		4	15	8		0		
Stockton	51,000	5	96	31	.61	2	.04	15
Vallejo		5	7	7		0		
Colorado:								
Boulder		7	13	6		0		
Colorado Springs		7	23	3		0		
Pueblo	44,200	7	187	26	.59	0		
Trinidad		7	15	3		0		
Connecticut:								
Bristol		6	39	17		0		
Danbury		2	13	4		1		4
Fairfield		7	20	29		2		
Greenwich		7	29	16		1		16
Manchester		6	29	30		4		7
Meriden	37,100	6	51	19	.51	4	.11	5
New Britain	72,800	7	167	35	.48	0		
New London		6	29	16		2		8
Norwich		7	45	19				
Stamford	43,800	4	64	6	.14	2	.05	3
Stratford		6	26	18				
West Hartford		2	15	11		0		
Georgia:								
Athens		5	40	12		2		6
Brunswick		7	5	2		0		
Columbus	46,600			23	.49	6	.13	4
Lagrange		3	29	22		1		22
Macon	61,200	7	45	44	.72	0		
Savannah	99,900	7	52	60	.60	7	.07	9
Waycross		2	8	6		1		6
Idaho:								
Boise		7	13	4		0		
Pocatello		6	65	9		1		9
Illinois:								
Aurora	47,100	6	146	13	.28	1	.02	13
Berwyn		6	31	17		2		8
Bloomington		7	22	5		0		
Blue Island		7	12	5		2		2
Champaign		7	6	3				
Chicago Heights		6	28	16		2		8
Cicero	71,600	7	76	66	.92	6	.08	11
Collinsville		1	43	8		1		8
Decatur	57,100	5	57	32	.56	3	.05	11
East St. Louis	74,000	7	120	81	1.09	5	.07	16
Elgin	36,000	7	14	9	.25	1	.03	9
Evanston	47,600	7	38	44	.92	3	.06	15
Galesburg		7	21	18		3		6
Granite City		2	54	61		2		30
Jacksonville		7	27	3		0		
Joliet	41,900	5	14	53	1.26	9	.21	6
Kewanee		5	8	8		0		
Maywood		7	28	90		4		22
Moline	35,600	7	19	3	.08	0		
Oak Park	57,700	7	37	50	.87	1	.02	50
Ottawa		5	17	2		0		
Pekin		7	21	6		0		
Quincy	39,800	7	30	10	.25	2	.05	5
Rock Island	42,700	7	60	4	.09	0		
Rockford	82,800	7	44	37	.45	2	.02	18
Springfield	67,200	7	64	22	.33	0		
Streator		5	46	26		0		
Urbana		5	7	3				
Waukegan		5	12	35		6		6
West Frankfort			12	14				

DIPHTHERIA—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Indiana:								
Anderson		7	15	19		1		19
Connersville		4	15	7		0		
Crawfordsville		7	5	1		0		
East Chicago	50,800	7	69	189	3.72	15	0.30	12
Elkhart		5	16	45		1		45
Elwood		7	4	31		2		15
Evansville	98,100	2	57	43	.44	3	.03	14
Gary	89,100	6	86	50	.56	4	.04	12
Hammond	56,000	5	40	30	.54	4	.07	7
Kokomo	40,400	7	24	34	.84	3	.07	11
La Fayette		7	43	11		2		5
La Porte		6	18	4		0		
Logansport		7	14	7				
Michigan City		7	27	6		0		
Mishawaka		7	17	14		0		
Muncie	46,800	7	46	30	.64	3	.06	10
New Albany		5	31	10		0		
Newcastle		6	10	8		1		8
Peru		3	10	2		1		2
Richmond		7	21	5		0		
South Bend	86,100	6	106	50	.58	3	.03	17
Terre Haute	73,500	7	49	43	.59	3	.04	14
Vincennes		1	16	12		1		12
Wabash		3	13	1		0		
Whiting		6	14	9				
Iowa:								
Boone		4	16	6		0		
Burlington		7	47	9		3		3
Cedar Rapids	58,200	7	37	5	.09	0		
Davenport	[1] 52,500	3	35	18	.34	1	.02	18
Fort Dodge		4	34	6				
Keokuk		1	23	1				
Mason City		6	61	1		0		
Sioux City	80,000	4	196	8	.10	0		
Waterloo	37,100	6	29	56	1.51	4	.11	14
Kansas:								
Arkansas City		3	7	13		0		
Atchison		3	55	12				
Coffeyville		7	28	9		1		9
Eldorado		6	35	5		1		5
Fort Scott		6	45	10		0		
Lawrence		7	21	2		0		
Leavenworth		6	30	14		0		
Pittsburg		6	57	50				
Topeka	62,800	5	91	41	.65	3	.05	14
Wichita	99,300	5	217	39	.39	4	.04	10
Kentucky:								
Covington	59,000	6	67	26	.44	0		
Lexington	48,700	5	44	28	.57	3	.06	9
Newport		4	18	7		2		3
Paducah		7	20	20				
Louisiana:								
Alexandria		2	14	23		0		
Baton Rouge		6	30	21		3		7
Lake Charles		5	17	28		0		
Shreveport	81,300	6	50	51	.63	4	.05	13
Maine:								
Auburn		6	20	7		2		3
Bath		6	0	2		1		2
Biddeford		7	17	8		1		8
Lewiston	36,600	7	35	13	.36	1	.03	13
Portland	78,600	7	134	28	.36	5	.06	5
Sanford		5	5	12		0		
Westbrook		2	14	2				
Maryland:								
Cumberland		6	44	6		0		
Frederick		2	18	15		1		15
Massachusetts:								
Adams		7	17	9		0		
Amesbury		5	13	1		0		
Arlington		7	21	15		0		
Attleboro		7	11	20		0		

[1] Population, State census, 1925.

DIPHTHERIA—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.								
Belmont		6	15	22		0		
Beverly		7	21	5		0		
Braintree		6	17	9		0		
Brockton	[1] 65,300	7	183	59	0.90	2	0.03	29
Brookline	45,700	7	16	3	.07	0		
Chelsea	49,800	7	67	18	.36	0		
Chicopee	45,400	7	63	31	.68	3	.07	10
Clinton		7	7	1		0		
Danvers		7	12	3				
Dedham		6	18	3				
Easthampton		7	9	1		0		
Everett	43,300	7	79	50	1.15	1	.02	50
Framingham		7	14	1		0		
Gardner		7	6	4		0		
Gloucester		2	41			4		
Greenfield		6	13	26		3		9
Haverhill	[1] 49,200	7	128	51	1.04	1	.02	51
Holyoke	60,400	5	129	64	1.06	5	.08	13
Lawrence	[1] 93,500	7	112	41	.44	6	.06	7
Malden	53,400	7	105	24	.45	2	.04	12
Medford	52,900	7	54	39	.74	2	.04	19
Melrose		7	17	13		1		13
Methuen		7	16	8		3		3
Milford		7	6	9		0		
Milton		3	6	4		2		2
Natick		6	14	5		2		2
Newburyport		7	8	2				
Newton	57,300	7	28	14	.24	0		
North Adams		7	13	6		1		6
Northampton		7	7	[2] 13		1		13
Northbridge		7	6	1		0		
Norwood		5	31	2				
Palmer		4	10	3		1		3
Peabody		7	41	13		0		
Pittsfield	50,000	7	92	31	.62	2	.04	15
Plymouth		6	9	10		2		5
Quincy	67,600	7	122	19	.28	1	.01	19
Salem	43,000	7	121	73	1.70	3	.07	24
Saugus		7	11	35				
Southbridge		7	14	13		3		4
Taunton	40,600	6	14	10	.25	0		
Wakefield		7	22	9		1		9
Watertown		7	53	24		2		12
Webster		6	8	6				
West Springfield		4	12	38		2		19
Westfield		7	31	19		3		6
Weymouth		1	14	10				
Winchester		6	14	4				
Winthrop		7	9	8		0		
Woburn		6	29	36		3		12
Michigan:								
Adrian		5	11	7		1		7
Ann Arbor		7	98	139		5		27
Battle Creek	47,200	6	122	33	.70	1	.02	33
Benton Harbor		7	15	7				
Cadillac		3	20	3		0		
Hamtramck	99,800	7	69	93	.93	7	.07	13
Highland Park	86,400	7	49	40	.46	4	.05	10
Ironwood		7	9	2		0		
Ishpeming		7	11	7		0		
Jackson	63,700	6	51	1	.02	0		
Kalamazoo	56,400	5	48	27	.48	2	.04	13
Lansing	79,600	7	159	88	1.11	1	.01	88
Marquette		6	13	3		0		
Muskegon	46,600	7	110	19	.41	4	.09	5
Owosso				21		2		10
Pontiac	61,500	7	199	51	.83	5	.08	10
Port Huron		7	32	16		4		4
River Rouge		4	14	17		1		17
Saginaw	75,600	7	93	67	.89	2	.03	33
Sault Ste. Marie		7	10	7		0		

[1] Population, State census, 1925.

[2] Includes 4 nonresidents.

DIPHTHERIA—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Minnesota:								
Albert Lea		2	8	5				
Faribault		6	28	14		2		7
Hibbing		7	10	20		0		
St. Cloud		5	94	49		0		
Winona		6	7	7		2		3
Mississippi:								
Greenville				24		0		
Jackson		5	34	52		4		13
Meridian		3	9	40				
Missouri:								
Cape Girardeau		2	15	35		3		12
Carthage		1	21	11		0		
Hannibal		3	31	14		0		
Independence		4	46	19		1		19
Joplin		6	36	15				
Moberly		6	22	10		0		
St. Joseph	78,500	7	54	26	0.33	0		
Springfield	51,700	6	130	44	.85	1	0.02	44
Webster Groves		1	10	14		0		
Montana:								
Anaconda		6	1	1		0		
Billings		3	7	5		0		
Butte	43,600	6	50	28	.64	1	.02	28
Great Falls		6	81	4		1		4
Helena		6	14	36		1		36
Nebraska:								
Grand Island		7	4	2		0		
Lincoln	71,100	7	62	51	.72	2	.03	25
New Hampshire:								
Berlin		6	13	7		0		
Claremont		4	22	22		0		
Concord		7	9	8		1		8
Dover		7	4	4		0		
Laconia		2	3	6		1		6
Manchester	85,700	6	96	32	.37	9	.11	4
Nashua		7	22	7		0		
New Jersey:								
Asbury Park		6	5	10		2		5
Bayonne	95,000	6	94	47	.49	4	.04	12
Belleville		7	24	56		7		8
Bloomfield		7	16	38		0		
Bridgeton		6	15	8		1		8
Clifton		7	98	37		2		18
Dover		4	5	22		0		
East Orange	65,000	7	39	46	.71	2	.03	23
Englewood		6	14	23				
Garfield		6	85	32		1		32
Gloucester		3	15	20				
Hackensack		7	21	31				
Harrison		7	23	16				
Hoboken		6	116	177		13		14
Irvington		6	32	100		8		12
Kearny		6	40	27		0		
Lodi		3	15	27		0		
Long Branch		7	10	9		0		
Millville		2	6	10				
Montclair		7	24	40		3		13
Morristown		7	13	12		1		12
New Brunswick	40,800	7	45	74	1.81	1	.02	74
Nutley		2	9	41		3		14
Orange	36,500	7	25	42	1.15	4	.11	10
Passaic	71,800	7	181	129	1.80	6	.08	21
Perth Amboy	50,100	7	74	83	1.66	10	.20	8
Phillipsburg		5	26	7		1		7
Plainfield		7	29	8		1		8
Rahway		7	37	8		0		
Ridgefield Park		4	9	8		1		8
Rutherford		4	14	6		1		6
Summit		7	7	5		0		
Weehawken				21				
West New York		7	73	93		2		46
West Orange		7	17	47		5		9

DIPHTHERIA—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
New Mexico:								
Albuquerque		4	25	17		0		
New York:								
Amsterdam	36,200	6	78	5	0.14	1	0.03	5
Auburn	[1] 35,700	5	43	12	.34	2	.06	6
Batavia		2	20	9		0		
Beacon		2	13	3		0		
Binghamton	74,800	7	53	35	.47	3	.04	12
Cohoes		7	32	36		2		18
Corning		6	19	5		0		
Elmira	50,000	5	16	25	.50	2	.04	12
Endicott		4	12	14		1		14
Freeport		3	7	12		0		
Hornell		7	5	7		0		
Ithaca		6	17	4		2		2
Jamestown	46,000	7	62	2	.04	0		
Johnstown		5	3	2		0		
Kingston		6	19	6		0		
Little Falls		7	17	1		0		
Lockport		7	6	8		3		3
Mount Vernon	54,700	7	41	22	.40	2	.04	11
New Rochelle	48,800	7	45	25	.51	1	.02	25
Niagara Falls	68,300	7	105	62	.91	9	.13	7
North Tonawanda		7	22	6		1		6
Olean		7	25	2		0		
Ossining		3	10	3		0		
Peekskill		7	20	8		0		
Poughkeepsie	39,100	7	31	28	.72	1	.03	28
Rensselaer		5	14	2		0		
Rome		7	34	10		1		10
Saratoga Springs		7	15	6		0		
Schenectady	93,300	7	153	50	.54	3	.03	17
Troy	72,300	7	127	12	.17	2	.03	6
Watertown	33,700	7	19	6	.18	2	.06	3
Watervliet		6	72	7		0		
White Plains		7	20	12		1		12
North Carolina:								
Asheville		7	48	5		2		2
Concord				64				
Gastonia		1	20	8		0		
Greensboro	51,900	6	88	58	1.12	3	.06	19
High Point		2	102	20		0		
New Bern		5	7	35		2		17
Raleigh		7	73	84		7		12
Rocky Mount		6	73	104		2		52
Salisbury		3	40	83		3		28
Wilmington	39,100	6	37	43	1.10	6	.15	7
Wilson		3	8	7		1		7
Winston-Salem	80,000	6	123	91	1.14	4	.05	23
North Dakota:								
Fargo		5	31	3		1		3
Ohio:								
Ashtabula		7	23	16		0		
Barberton		7	38	34		3		11
Bellefontaine		2	2	2		0		
Bucyrus		7	13	1		0		
Cambridge		6	18	6		0		
Campbell		6	41	16		3		5
Chillicothe		7	25	15		0		
Cleveland Heights		6	19	22		0		
Conneaut		4	4	2		0		
Coshocton		5	9	1		0		
Cuyahoga Falls		7	13	20		0		
East Cleveland		7	32	28		0		
East Liverpool		6	25	14		2		7
Elyria		7	9	22		2		11
Findlay		7	14	3		0		
Fostoria		1	7	2		0		
Hamilton	44,200	7	32	52	1.18	3	.07	17
Ironton		3	31	19		2		9
Kenmore		7	20	21		2		10
Lakewood	65,000	5	51	44	.68			
Lancaster		6	19			7		
Lima	49,700	7	37	23	.46	2	.04	11

[1] Population, State census, 1925.

DIPHTHERIA—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Ohio—Continued.								
Lorain	44,900	7	37	34	0.76	2	0.04	17
Mansfield		7	32	3		0		
Marietta		3	2	9		0		
Marion		5	15	6		0		
Martins Ferry		7	20	12		3		4
Massillon		1	39	8		1		8
Middletown		7	60	18		0		
New Philadelphia		5	8	15		1		15
Niles		6	35	7		0		
Norwood		7	13	8		3		3
Piqua		7	9	7		0		
Portsmouth	41,200			32	.78	0		
Salem		7	9	3		0		
Sandusky		7	31	15		1		15
Springfield	73,000	7	61	11	.15	2	.03	5
Steubenville		7	35	22		0		
Tiffin		3	6	5		0		
Warren		5	46	36		3		12
Zanesville		7	16	11		1		11
Oklahoma:								
Shawnee				71		12		6
Oregon:								
Astoria		6	5	3		0		
Salem		2	35	17		0		
Pennsylvania:								
Aliquippa		7	25	7		0		
Allentown	99,400	5	119	145	1.46	11	.11	13
Altoona	69,100	7	91	25	.36	1	.01	25
Beaver Falls		7	24	3				
Braddock		7	44	10		0		
Bradford		6	11	11		1		11
Butler		7	41	22		2		11
Canonsburg		5	20	8				
Carlisle		7	5	1				
Chambersburg		7	4	2		0		
Charleroi		7	11	1				
Chester	74,200	5	89	63	.85	12	.16	5
Clairton		5	8	6		0		
Coatesville		7	9	16		2		8
Connellsville		7	14	4		0		
Donora		6	22	10		3		3
Du Bois		4	24	7		0		
Duquesne		6	24	15		1		15
Easton	38,400	6	35	32	.83	2	.05	16
Ellwood City		2	6	8				
Farrell		7	27	3				
Greensburg		4	8	2				
Harrisburg	86,900	7	130	15	.17	0		
Homestead		7	22	11		1		11
Jeannette		7	24	12		0		
Kingston		5	21	20				
Lancaster	58,300	7	61	25	.43	3	.05	8
Lansford		4	12	23		1		23
Latrobe		2	11	14		1		14
Lewistown		4	24	6				
McKees Rocks		5	41	98				
McKeesport	50,400	7	39	20	.40	1	.02	20
Mahanoy City		2	17	11				
Meadville		3	9	8		0		
Monessen		7	41	145		7		21
Nanticoke		6	31	21		5		4
New Castle	52,500	7	38	13	.25			
Norristown	36,200	7	57	44	1.22	3	.08	15
North Braddock		7	36	14		1		14
Oil City		7	13	9		0		
Phoenixville		5	8	7		0		
Pittston		6	10	85				
Plymouth		6	29	135				
Sharon		7	40	5		0		
Shenandoah		4	36	312		24		13
Steelton		6	23	3		1		3
Swissvale		7	33	19				
Uniontown		6	35	2		0		
Vandergrift		2	5			6		
Warren		6	23	13		0		
Williamsport	44,000	3	36	29	.66			
York	49,900	6	77	6	.12	2	.04	3

DIPHTHERIA—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Rhode Island:								
Bristol		1	3	3		0		
Central Falls		5	14	22		2		11
Cranston	37,500	7	16	16	0.43	0		
Pawtucket	73,100	5	70	55	.75	4	0.05	14
South Carolina:								
Anderson		5	17			3		
Charleston	75,900	4	48	42	.55	7	.09	6
Columbia	50,600	6	57	34	.67	4	.08	8
Florence		2	17	31		4		8
Greenville		7	36	21		2		10
Sumter		4	14	30		2		15
South Dakota:								
Aberdeen		6	14	2				
Sioux Falls		7	36	9		0		
Texas:								
Amarillo	39,200	6	14	23	.59	1	.03	23
Austin	[3] 45,000	3	35	90	2.00	5	.11	18
Beaumont	56,300	5	46	72	1.28	4	.07	18
Corpus Christi		2	13	21				
Galveston	50,600	7	40	55	1.09	6	.12	9
Orange		3	10	12		0		
Tyler		7	11	37		1		37
Waco	46,600	7	45	76	1.63	0		
Wichita Falls		2	46	44				
Utah:								
Ogden	39,100	7	62	34	.87	3	.08	11
Vermont:								
Barre		7	8	3				
Burlington		4	30	9		1		9
Rutland		3	11	4				
Virginia:								
Alexandria		7	12	10		0		
Charlottesville		6	15	4		0		
Danville		7	69	37		2		18
Lynchburg	38,600	6	111	121	3.13	5	.13	24
Newport News	53,300	7	22	10	.19	1	.02	10
Petersburg	37,800	7	48	34	.90	2	.05	17
Portsmouth	61,600	7	23	19	.31	3	.05	6
Roanoke	64,600	6	158	127	1.97	6	.09	21
Suffolk		2	7	15		3		5
Washington:								
Aberdeen		7	4	13		0		
Bremerton		3	10	2		1		2
Everett		5	22	13		2		6
Walla Walla		5	11	2		0		
Yakima		7	17	51		5		10
West Virginia:								
Charleston	55,200	7	53	39	.71	0		
Clarksburg		7	21	11		0		
Fairmont		7	41	18				
Huntington	68,600	5	69	44	.64	1	.01	44
Parkersburg		3	27	17				
Wheeling		7	66	13		2		6
Wisconsin:								
Appleton		5	28	9		0		
Beloit		7	39	3		0		
Eau Claire		7	12	3		0		
Green Bay	36,100	7	70	35	.97	0		
Kenosha	56,500	7	66	16	.28	3	.05	5
La Crosse	30,400	6	9	3	.10	0		
Madison	50,500	7	71	40	.79	3	.06	13
Manitowoc		5	22	22		0		
Marinette		6	15	15		0		
Oshkosh	33,200	6	27	2	.06	0		
Racine	74,400	7	121	53	.71	5	.07	10
Sheboygan	35,100	7	106	30	.85	5	.14	6
Superior		6	34	35		2		17
Waukesha		4	10	1		0		
Wausau		7	19	10		0		
West Allis		7	52	70		1		70
Wyoming:								
Cheyenne		3	6	14		3		5

[3] Population, special census.

INFLUENZA

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Bessemer				26		
Florence		300		6		50
Gadsden		267		6		44
Mobile	69,600	436	6.26	72	1.03	6
Montgomery	63,100	94	1.49	25	.40	4
Selma		405		11		37
Arizona:						
Douglas		200				
Tucson				12		
Arkansas:						
Fort Smith		600				
Helena		401		14		29
Little Rock	79,200	144	1.82	16	.20	9
Pine Bluff				10		
California:						
Alhambra		817		3		272
Bakersfield		44		11		4
Berkeley	71,000	202	2.85	13	.18	16
Chico		575		8		72
Eureka		61		10		6
Pasadena	62,100	672	10.82	21	.34	32
Pomona		175		0		
Richmond		1				
Riverside		812		21		39
Sacramento	75,700	314	4.15	24	.32	13
San Bernardino		359		5		71
San Jose	45,500	406	8.92	25	.55	16
Santa Ana		976		10		97
Santa Barbara				4		
Santa Monica				15		
Stockton	51,000	45	.88	26	.51	2
Vallejo		6		1		6
Colorado:						
Boulder		41		2		20
Colorado Springs		164		23		7
Pueblo	44,200	267	6.04	13	.29	21
Trinidad				6		
Connecticut:						
Bristol		3		1		3
Danbury		789				
Fairfield		1		0		
Greenwich		34		1		34
Manchester		32		1		32
Meriden	37,100	17	.46	4	.11	4
New Britain	72,800	52	.71	24	.33	2
New London		4		1		4
Norwich		76				
Stamford	43,800	4	.09	4	.09	1
Stratford		[1] 210				
West Hartford		12		3		4
Georgia:						
Athens				28		
Brunswick		3		3		1
Columbus	46,600	18	.39	4	.09	4
Lagrange		1,459		16		91
Macon	61,200	2,200	35.95	31	.51	71
Savannah	99,900	1,879	18.81	48	.48	39
Waycross		700		5		140
Idaho:						
Pocatello		75		5		15
Illinois:						
Aurora	47,100	107	2.27	2	.04	53
Berwyn		20		1		20
Bloomington		102		9		11
Blue Island				25		
Centralia				2		
Champaign		2				
Chicago Heights		36		2		18
Cicero	71,600	15	.21	4	.06	4
Decatur	57,100	263	4.61	19	.33	14
East Moline		10		0		
East St. Louis	74,000	100	1.35	13	.18	8
Elgin	36,000	171	4.75	9	.25	19
Evanston	47,600	83	1.74	4	.08	21
Galesburg		60		1		60
Granite City		6		2		3
Herrin				4		
Jacksonville		94		3		31
Joliet	41,900			7	.17	

[1] Estimated

INFLUENZA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Illinois—Continued.						
Kewanee		482		6		80
Moline	35,600	23	0.65	4	0.11	6
Oak Park	57,700	28	.49	8	.14	3
Ottawa		[1] 500		7		
Pekin		15		8		2
Quincy	39,800	35	.88	0		
Rock Island	42,700	218	5.11	11	.26	0
Rockford	82,800	692	8.36	48	.58	24
Springfield	67,200	92	1.37	57	.85	12
Streator				18		
Urbana		19		2		9
Waukegan		2		2		1
Indiana:						
Anderson				28		
Crawfordsville		6		2		3
East Chicago	50,800	251	4.94	5	.10	50
Elkhart		10		9		1
Elwood		[1] 800		2		
Evansville	98,100			18	.18	
Gary	89,100			15	.17	
Hammond	56,000			9	.16	
Kokomo	40,400			12	.30	
La Fayette				8		
La Porte				10		
Michigan City		432		3		144
Mishawaka		8		8		1
Muncie	46,800			30	.64	
New Albany				9		
Newcastle				4		
Peru				5		
Richmond				7		
Terre Haute	73,500			10	.14	
Vincennes				13		
Wabash		6		6		1
Iowa:						
Boone				4		
Cedar Rapids	58,200			15	.26	
Davenport	[2] 52,500	1,383	26.34	34	.65	41
Mason City		220		15		15
Sioux City	80,000			12	.15	
Kansas:						
Arkansas City				10		
Atchison		246				
Coffeyville		[3] 2,000		10		
Lawrence		812		7		116
Leavenworth				8		
Newton				10		
Pittsburg		4				
Topeka	62,800	426	6.78	56	.89	8
Wichita	99,300	5,391	54.29	22	.22	245
Kentucky:						
Covington	59,000	169	2.86	14	.24	12
Lexington	48,700	133	2.73	8	.16	17
Newport				15		
Paducah		25				
Louisiana:						
Alexandria				7		
Baton Rouge				19		
Lake Charles		70		5		14
Shreveport	81,300	[4] 61		26	.32	
Maine:						
Auburn		46		0		
Bath		4		0		
Biddeford		18		1		18
Lewiston	36,600	135	3.69	4	.11	34
Portland	78,600	54	.69	10	.13	5
Sanford		7		3		2
Waterville		19		2		9
Westbrook				3		
Maryland:						
Cumberland		62		6		10
Frederick		56		0		
Massachusetts:						
Amesbury		1		0		
Arlington		9		1		9
Athol				3		

[1] Estimated.
[2] Population, State census, 1925.
[3] Exact figures not available.
[4] December only.

INFLUENZA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.						
Attleboro		6		2		3
Belmont		9		0		
Beverly		9		0		
Braintree		35		0		
Brockton	[2] 65,300	1	0.02	0		
Brookline	45,700	20	.44	2	0.04	10
Chelsea	49,800	2	.04	0		
Chicopee	45,400	7	.15	5	.11	1
Danvers		16				
Dedham		1				
Easthampton		8		0		
Everett	43,300	58	1.34	3	.07	19
Framingham		5		0		
Gardner		14		1		14
Gloucester				1		
Greenfield		4		3		1
Haverhill	[2] 49,200	36	.73	3	.06	12
Holyoke	60,400	11	.18	6	.10	2
Lawrence	[2] 93,500	9	.10	5	.05	1
Leominster		15		7		2
Malden	53,400	12	.22	3	.06	4
Medford	52,900	8	.15	1	.02	8
Melrose		5		1		5
Methuen		1		1		1
Milford		11		1		11
Milton				1		
Natick		2		0		
Newburyport		3				
Newton	57,300	14	.24	0		
Northampton		[5] 7		[6] 1		7
Northbridge		6		4		1
Norwood		1		0		
Palmer		10		0		
Peabody		4		0		
Pittsfield	50,000	40	.80	8	.16	5
Plymouth		1		0		
Quincy	67,600	37	.55	8	.12	5
Salem	43,000	12	.28	1	.02	12
Saugus		17		2		8
Southbridge		3		0		
Taunton	40,600	24	.59	4	.10	6
Watertown		16		3		5
Webster		4				
West Springfield		1		0		
Westfield		10		3		3
Weymouth		13		0		
Winchester		1		0		
Winthrop		8		1		8
Woburn		5		3		2
Michigan:						
Adrian		494		3		165
Ann Arbor		2		0		
Cadillac				7		
Hamtramck	99,800	4	.04	0		
Highland Park	86,400	32	.37	1	.01	32
Holland				5		
Ironwood		50		11		5
Ishpeming		181		4		45
Jackson	63,700	479	7.52	14	.22	34
Kalamazoo	56,400	685	12.15	13	.23	53
Lansing	79,600	197	2.47	31	.39	6
Marquette		212		0		
Muskegon	46,600	324	6.95			
Owosso		872		10		87
Pontiac	61,500	163	2.65	15	.24	11
Port Huron		131		1		131
River Rouge				5		
Saginaw	75,600			17	.22	
Sault Ste. Marie		34		2		17
Minnesota:						
Austin				3		
Brainerd				4		
Faribault				17		
Hibbing		4		4		1
St. Cloud		25		3		8
Virginia		250		2		125
Winona		306		15		20

[2] Population, State census, 1925. [5] Includes 2 nonresidents. [6] Nonresident.

INFLUENZA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Mississippi:						
Greenville		1,231				
Jackson		6,768		26		260
Meridian		3,438				
Missouri:						
Cape Girardeau		39		7		6
Carthage		[1] 600		8		
Hannibal		175		1		175
Independence		16		6		3
Joplin		16				
Moberly				4		
St. Joseph	78,500			13	0.17	
Springfield	51,700			60	1.16	
Webster Groves				1		
Montana:						
Billings		25		10		2
Butte	43,600	750	17.20	20	.46	37
Great Falls		[7] 10,145		24		
Helena		3,000		5		600
Missoula		614		6		102
Nebraska:						
Grand Island				6		
Lincoln	71,100	150	2.11	18	.25	8
North Platte		211		8		26
New Hampshire:						
Berlin				3		
Claremont		2		0		
Concord				5		
Dover				1		
Laconia		553		3		184
Manchester	85,700			17	.20	
Nashua				3		
New Jersey:						
Asbury Park		23		2		11
Bayonne	95,000			16	.17	
Belleville		7		1		7
Bridgeton		2		2		1
Clifton		5		1		5
East Orange	65,000	87	1.34	11	.17	8
Englewood		5				
Garfield		3		3		1
Harrison		24				
Irvington		31		3		10
Kearny		67		1		67
Lodi		1		0		
Long Branch		4		0		
Millville		2		0		
Montclair		21		4		5
Nutley		1		1		1
Orange	36,500	27	.74	1	.03	27
Passaic	71,800	24	.33	4	.06	6
Perth Amboy	50,100			1	.02	
Plainfield		31		5		6
Rahway		3		2		1
Ridgefield Park		8		2		4
Rutherford		73		2		36
Weehawken		4				
West Orange		15		1		15
New Mexico:						
Albuquerque		61		8		
New York:						
Amsterdam	36,200			8	.22	
Auburn	[2] 35,700	82	2.30	1	.03	82
Batavia		3		2		1
Beacon		14		1		14
Binghamton	74,800	10	.13	0		
Cohoes		1		1		1
Corning				1		
Dunkirk		24		2		12
Elmira	50,000	1	.02	1	.02	1
Endicott		4		0		
Freeport		9		0		
Geneva				1		
Gloversville				1		
Hornell		7		0		
Little Falls				3		
Lockport		2		0		
Mount Vernon	54,700	33	.60	4	.07	8

[1] Estimated. [2] Population, State census, 1925. [7] Approximated.

INFLUENZA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
New York—Continued.						
New Rochelle	48,800	9	0.18	2	0.04	4
Niagara Falls	68,300			4	.06	
North Tonawanda				1		
Ossining		5		1		5
Peekskill		2		2		1
Rensselaer		27		0		
Rome				1		
Saratoga Springs		80		3		27
Troy	72,300	9	.12	1	.01	9
Watertown	33,700	308	9.14	9	.27	34
North Carolina:						
Gastonia				3		
Greensboro	51,900			35	.67	
High Point				5		
New Bern				3		
Raleigh				10		
Rocky Mount				1		
Salisbury				6		
Wilmington	39,100			[8] 41	[8] 1.05	
Winston-Salem	80,000			39	.49	
North Dakota:						
Fargo				17		
Ohio:						
Ashland		[1] 300		1		
Ashtabula				8		
Barberton		34		2		17
Bucyrus		2		2		1
Cambridge				8		
Campbell		79		1		79
Chillicothe		27		0		
Cleveland Heights		249		1		249
Conneaut		17				
Coshocton		224		9		25
Cuyahoga Falls		11		1		11
East Cleveland		137		2		68
East Liverpool		17		0		
Elyria		43		5		8
Findlay		14		3		5
Fostoria		170		10		17
Hamilton	44,200	442	10.00	21	.48	21
Kenmore		6		1		6
Lakewood	65,000	134	2.06	12	.18	11
Lancaster				8		
Lima	49,700			15	.30	
Lorain	44,900	159	3.54	9	.20	18
Mansfield		64		4		16
Marietta				4		
Marion				22		
Martins Ferry		403		1		403
Massillon				7		
New Philadelphia		3		1		3
Niles				3		
Norwood		2		0		
Piqua		44		0		
Portsmouth	41,200	8	.19	8	.19	1
Salem		185		1		185
Sandusky		5		0		
Springfield	73,000	41	.56	29	.40	1
Steubenville		56		13		4
Tiffin		37		1		37
Warren		50		4		12
Zanesville		38		4		9
Oklahoma:						
Shawnee				9		
Oregon:						
Astoria		114				
Salem		319		7		46
Pennsylvania:						
Aliquippa				3		
Allentown	99,400	13	.13	6	.06	2
Altoona	69,100	341	4.93			
Beaver Falls		600				
Braddock		30		18		2
Bradford				1		
Butler				3		
Chester	74,200			5	.07	
Clairton				13		

[1] Estimated.

[8] Includes 7 nonresidents.

INFLUENZA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania—Continued.						
Connellsville				3		
Donora				2		
Easton	38,400			5	0.13	
Farrell		76				
Harrisburg	86,900			26	.30	
Homestead				3		
Jeannette				2		
Lancaster	58,300			13	.22	
Lansford		210				
Lewistown				3		
McKeesport	50,400			12	.24	
Meadville				4		
Monessen				13		
Nanticoke				7		
Norristown	36,200			2	.06	
North Braddock				3		
Oil City				12		
Phoenixville				3		
Sharon				14		
Shenandoah		15		4		3
Steelton		4		1		4
Swissvale		2,948		10		294
Uniontown				3		
Warren				6		
York	49,900	[4] 1,500		18	.36	
Rhode Island:						
Cranston	37,500			3	.08	
Newport	[3] 27,700			2	.07	
Pawtucket	73,100	5	0.07	3	.04	2
South Carolina:						
Anderson				26		
Charleston	75,900	4,718	62.16	54	.71	87
Columbia	50,600			10	.20	
Greenville				5		
South Dakota:						
Sioux Falls				7		
Texas:						
Amarillo	39,200	240	6.12	10	.26	24
Austin	[5] 45,000			36	.80	
Beaumont	56,300			18	.32	
Galveston	50,600	101	2.00	7	.14	14
Orange		[1] 1,500		2		
San Angelo				5		
Tyler				10		
Waco	46,600	21	.45	19	.41	1
Utah:						
Ogden	39,100			11	.28	
Vermont:						
Burlington				8		
Rutland		3				
Virginia:						
Alexandria		9		0		
Charlottesville		1,800		2		900
Danville		[2] 2,000		14		143
Lynchburg	38,600			30	.78	
Newport News	53,300			4	.08	
Petersburg	37,800	1,078	28.52	17	.45	63
Portsmouth	61,600			25	.41	
Roanoke	64,600			40	.62	
Suffolk		88		6		15
Washington:						
Bremerton		31		5		6
Walla Walla		275		9		31
West Virginia:						
Charleston	55,200	12,048	218.26	68	1.23	177
Clarksburg				22		
Fairmont		848				
Parkersburg		621				
Wheeling		76		14		5
Wisconsin:						
Appleton		15		4		[4
Beloit				4		
Eau Claire		185		5		37
Green Bay	36,100	147	4.07	7	.19	21
Kenosha	56,500	92	1.63	8	.14	11

[1] Estimated.
[2] Population, State census, 1925.
[4] December only.
[5] Population, special census.

INFLUENZA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Wisconsin—Continued.						
La Crosse	30,400	3	0.10	1	0.03	3
Madison	50,500			5	.10	
Manitowoc		26		1		26
Marinette		258		6		43
Oshkosh	33,200	[1] 20,000		16	.48	
Racine	74,400	102	1.37	9	.12	11
Sheboygan	35,100	231	6.58	1	.03	231
Superior				6		
Waukesha		325		6		54
West Allis		16		3		5
Wyoming:						
Cheyenne		50		5		10

[1] Estimated.

LETHARGIC ENCEPHALITIS

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Mobile	69,600	2	0.03	2	0.03	1
Montgomery	63,100			2	.03	
Selma				2		
Arizona:						
Douglas		1		1		1
Arkansas:						
Little Rock	79,200			3	.04	
California:						
Berkeley	71,000	2	.03	0		
Colorado:						
Boulder		1		1		1
Pueblo	44,200			1	.02	
Connecticut:						
Danbury		2		0		
Greenwich		1		1		1
Meriden	37,100	1	.03	1	.03	1
New Britain	72,800	1	.01	1	.01	1
Stamford	43,800	1	.02	0		
Illinois:						
Aurora	47,100	1	.02	1	.02	1
Berwyn		2		0		
Bloomington				2		
Decatur	57,100	5	.09	1	.02	5
Granite City		1		1		1
Ottawa				1		
Rock Island	42,700	1	.02	1	.02	1
Rockford	82,800	1	.01	1	.01	1
Springfield	67,200	2	.03	1	.01	2
Streator		1		1		1
Indiana:						
Hammond	56,000	1	.02	1	.02	1
Kokomo	40,400			1	.02	
Muncie	46,800			1	.02	
Iowa:						
Davenport	[1] 52,500			3	.06	
Keokuk		1				
Mason City		3		3		1
Kansas:						
Lawrence		1		0		
Leavenworth		2		0		
Newton				1		
Topeka	62,800	1	.02	1	.02	1
Louisiana:						
Shreveport	81,300			6	.07	
Maine:						
Bath		1		1		1
Massachusetts:						
Beverly		2		0		
Brockton	[1] 65,300	2	.03	0		
Chelsea	49,800			1	.02	
Chicopee	45,400	1	.02	0		

[1] Population, State census, 1925.

LETHARGIC ENCEPHALITIS—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.						
Danvers		1		0		
Framingham		1		1		1
Lawrence	[1] 93,500	1	0.01	1	0.01	1
Malden	53,400	1	.02	0		
Medford	52,900	2	.04	0		
Melrose		1		1		1
Methuen		1		0		
Newburyport		1				
Newton	57,300	1	.02	1	.02	1
Northampton		[2] 3		[2] 3		1
Pittsfield	50,000	2	.04	2	.04	1
Salem	43,000	1	.02	1	.02	1
Wakefield		1		0		
Webster		1				
Weymouth		1		0		
Woburn		1		0		
Michigan:						
Ann Arbor		2		2		1
Highland Park	86,400	1	.01	1	.01	1
Holland				1		
Ironwood		1		1		1
Kalamazoo	56,400	1	.02	0		
Minnesota:						
Brainerd				1		
Winona				1		
Missouri:						
Moberly		5		4		1
Springfield	51,700			4	.08	
Montana:						
Billings		1		1		1
Butte	43,600			6	.14	
Missoula		1		0		
New Hampshire:						
Manchester	85,700			1	.01	
New Jersey:						
Bayonne	95,000			1	.01	
Belleville		2		2		1
Dover		1		1		1
East Orange	65,000	4	.06	4	.06	1
Irvington		2		1		2
Kearny		6		1		6
Montclair				3		
New Brunswick	40,800			1	.02	
Orange	36,500	1	.03	1	.03	1
Rahway				2		
Summit		2		0		
Weehawken		1				
New Mexico:						
Albuquerque		4		3		1
New York:						
Auburn	[1] 35,700	2	.06	1	.03	2
Beacon		1		0		
Binghamton	74,800	1	.01	1	.01	1
Elmira	50,000	5	.10	0		
Geneva		1		0		
Jamestown	46,000	4	.09	3	.07	1
Kingston				1		
New Rochelle	48,800	1	.02	1	.02	1
Ossining		3		3		1
Poughkeepsie	39,100	1	.03	1	.03	1
Schenectady	93,300	3	.03	3	.03	1
White Plains		1		1		1
North Carolina:						
Winston-Salem	80,000	2	.02	2	.02	1
North Dakota:						
Fargo		28		8		3
Ohio:						
Chillicothe				1		
Conneaut		1		0		
Coshocton		1		0		
Hamilton	44,200	2	.05	0		
Kenmore		1		1		1
Lima	49,700			1	.02	
Portsmouth	41,200	1	.02	1	.02	1
Steubenville		3		3		1
Zanesville		2		2		1

[1] Population, State census, 1925.

[2] Includes 2 nonresidents.

LETHARGIC ENCEPHALITIS—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Oklahoma:						
Shawnee				1		
Pennsylvania:						
Aliquippa				2		
Allentown	99,400	7	0.07	1	0.01	7
Altoona	69,100	2	.03	0		
Chester	74,200			2	.03	
Easton	38,400	1	.03	0		
Ellwood City		2				
Lancaster	58,300			1	.02	
McKeesport	50,400	1	.02	0		
Sharon		1		0		
Shenandoah		1		1		1
Uniontown		1		1		1
York	49,900			3	.06	
South Carolina:						
Charleston	75,900			3	.04	
Columbia	50,600			2	.04	
Texas:						
Amarillo	39,200			2	.05	
Beaumont	56,300			2	.04	
Utah:						
Ogden	39,100			1	.03	
Vermont:						
Burlington				1		
Virginia:						
Suffolk		2		2		1
Washington:						
Aberdeen		3		2		1
Everett				1		
Walla Walla				1		
West Virginia:						
Charleston	55,200			2	.04	
Wisconsin:						
Appleton		1		1		1
La Crosse	30,400			2	.07	
Manitowoc				1		
Marinette		1		1		1
Oshkosh	33,200	2	.06	2	.06	1
Racine	74,400	4	.05	4	.05	1
West Allis				2		

MALARIA

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Bessemer		8		0		
Florence		15		2		7
Gadsden		14		1		14
Mobile	69,600	57	0.82	10	0.14	5
Montgomery	63,100	72	1.14	7	.11	10
Selma		166		4		41
Arkansas:						
Fort Smith		200				
Helena		45		10		4
Little Rock	79,200	45	.57	5	.06	9
Pine Bluff				22		
California:						
Riverside		1		0		
Sacramento	75,700	[1] 1	[1] .01	0		
San Jose	45,500	1	.02	0		
Connecticut:						
Meriden	37,100	1	.03	0		
West Hartford		1		0		
Georgia:						
Brunswick		1		1		1
Lagrange		4		0		
Macon	61,200	35	.57	4	.07	9
Savannah	99,900	134	1.34	1	.01	134
Waycross		19		2		9

[1] Nonresident.

MALARIA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Illinois:						
Decatur	57,100	2	0.04	0		
East St. Louis	74,000	3	.04	1	0.01	3
Elgin	36,000	2	.06	0		
Granite City		3		0		
Quincy	39,800	1	.03	0		
Springfield	67,200	1	.01	0		
Indiana:						
La Fayette				1		
Terre Haute	73,500			1	.01	
Kansas:						
Coffeyville		[2] 100		0		
Emporia		1		0		
Fort Scott		3		0		
Pittsburg		1				
Wichita	99,300	6	.06	0		
Louisiana:						
Alexandria				2		
Baton Rouge				1		
Lake Charles		3		0		
Shreveport	81,300			4	.05	
Maryland:						
Frederick		1		0		
Massachusetts:						
Brockton	[3] 65,300	1	.02	0		
Chelsea	49,800	2	.04	1	.02	2
Malden	53,400	2	.04	0		
Quincy	67,600	1	.01	0		
Wakefield		1		0		
Michigan:						
Hamtramck	99,800	1	.01	1	.01	1
Pontiac	61,500	2	.03	0		
Mississippi:						
Greenville		988		2		494
Jackson		865		2		432
Meridian		885				
Missouri:						
Cape Girardeau				1		
Independence		2		0		
Springfield	51,700			2	.04	
New Jersey:						
East Orange	65,000	1	.02	0		
Montclair		1		0		
Weehawken		1				
New Mexico:						
Albuquerque		1		1		1
New York:						
Jamestown	46,000	1	.02	0		
Kingston		1		0		
Poughkeepsie	39,100	2	.05	0		
North Carolina:						
New Bern				2		
Salisbury				2		
Ohio:						
Lorain	44,900	1	.02	0		
Martins Ferry		1		0		
Warren		1		0		
Pennsylvania:						
Allentown	99,400	1	.01	1	.01	1
York	49,900	[1] 1	[1] .02	0		
South Carolina:						
Charleston	75,900	507	6.68	13	.17	39
Columbia	50,600			1	.02	
Greenville		2		1		2
Sumter				1		
Texas:						
Austin	[4] 45,000	4	.09	0		
Beaumont	56,300			2	.04	
Tyler				1		
Virginia:						
Charlottesville		3		0		
Newport News	53,300			1	.02	
Petersburg	37,800	2	.05	0		
Portsmouth	61,600			2	.03	
Washington:						
Yakima		1		1		1

[1] Nonresident.
[2] Exact figures not available.
[3] Population, State census, 1925.
[4] Population, special census.

MEASLES

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Bessemer		15		0		
Florence		150		1		150
Mobile	69,600	52	0.75	3	0.04	17
Montgomery	63,100	200	3.17	0		
Selma		377		0		
Arizona:						
Douglas		227		4		57
Tucson		271		3		90
Arkansas:						
Fort Smith		27				
Helena		287		1		287
Little Rock	79,200	1,359	17.16	3	.04	453
Pine Bluff		706		3		235
California:						
Alhambra		67		0		
Bakersfield		1		0		
Berkeley	71,000	39	.55	0		
Chico		12		0		
Eureka		7		0		
Pasadena	62,100	47	.76	0		
Pomona		170		0		
Richmond		2				
Riverside		796		0		
Sacramento	75,700	111	1.47	0		
San Bernardino		21		1		21
San Jose	45,500	332	7.30	1	.02	332
Santa Ana		170		0		
Santa Barbara		63		0		
Santa Cruz		12		0		
Santa Monica				1		
Stockton	51,000	5	.10	0		
Vallejo		19		0		
Colorado:						
Boulder		104		0		
Colorado Springs		58		0		
Pueblo	44,200	252	5.70	0		
Trinidad		161		2		80
Connecticut:						
Bristol		16		0		
Danbury		41		1		41
Fairfield		95		0		
Greenwich		97		0		
Manchester		344		1		344
Meriden	37,100	501	13.50	1	.03	501
New Britain	72,800	535	7.35	0		
New London		84		0		
Norwich		68				
Stamford	43,800	145	3.31	0		
Stratford		35				
West Hartford		175		0		
Georgia:						
Athens		81		0		
Brunswick		294		3		98
Columbus	46,600	76	1.63	1	.02	76
Lagrange		194		5		38
Macon	61,200	94	1.54	0		
Savannah	99,900	367	3.67	5	.05	73
Waycross		245		0		
Idaho:						
Boise		3		0		
Pocatello		3		0		
Illinois:						
Aurora	47,100	167	3.55	0		
Berwyn		8		0		
Bloomington		137		0		
Blue Island		40		0		
Champaign		18				
Chicago Heights		6		0		
Cicero	71,600	61	.85	0		
Collinsville		18		0		
Decatur	57,100	1,245	21.80	5	.09	249
East Moline		3		0		
East St. Louis	74,000	266	3.59	1	.01	266
Elgin	36,000	33	.92	0		
Evanston	47,600	41	.86	0		
Galesburg		72		0		
Granite City		221		0		
Jacksonville		7		0		

MEASLES—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Illinois—Continued.						
Joliet	41,900	10	0.24	0		
Kewanee		17		0		
Maywood		19		0		
Moline	35,600	19	.53	0		
Oak Park	57,700	24	.42	0		
Ottawa		11		0		
Pekin		11		0		
Quincy	39,800	30	.75	0		
Rock Island	42,700	14	.33	0		
Rockford	82,800	107	1.29	0		
Springfield	67,200	16	.24	0		
Urbana		23		0		
Waukegan		29		0		
West Frankfort		12				
Indiana:						
Connersville		15		0		
Crawfordsville		154		0		
East Chicago	50,800	79	1.56	0		
Elkhart		47		0		
Elwood		15		0		
Evansville	98,100	958	9.77	1	0.01	958
Gary	89,100			3	.03	
Hammond	56,000	78	1.39	0		
Kokomo	40,400	5	.12	0		
La Fayette		16		0		
La Porte		2		0		
Logansport		2				
Muncie	46,800	1,199	25.62	2	.04	599
New Albany		34		0		
Newcastle		25		1		25
Peru		10				
Richmond		131		0		
South Bend	86,100	19	.22	0		
Terre Haute	73,500	37	.50	0		
Wabash		10		0		
Whiting		30				
Iowa:						
Boone		6		0		
Burlington		9		0		
Cedar Rapids	58,200	50	.86	0		
Davenport	[1] 52,500	8	.15	0		
Fort Dodge		4				
Keokuk		16				
Mason City		1		0		
Sioux City	80,000	357	4.46	1	.01	357
Waterloo	37,100	41	1.11	0		
Kansas:						
Arkansas City		8		0		
Atchison		96				
Coffeyville		3		0		
Eldorado		7		0		
Emporia		11		0		
Lawrence		4		0		
Leavenworth		5		0		
Topeka	62,800	200	3.18	4	.06	50
Wichita	99,300	73	.74	0		
Kentucky:						
Covington	59,000	263	4.46	0		
Lexington	48,700	430	8.83	1	.02	430
Paducah		901				
Louisiana:						
Alexandria		237		1		237
Baton Rouge		6		0		
Lake Charles		280		0		
Shreveport	81,300	1,258	15.47	7	.09	180
Maine:						
Auburn		102		0		
Bath		167		2		83
Biddeford		80		1		80
Lewiston	36,600	323	8.83	0		
Portland	78,600	455	5.79	1	.01	455
Sanford		105		1		105
Waterville		125		1		125
Westbrook		84		0		
Maryland:						
Cumberland		120		2		60
Frederick		220		1		220

[1] Population, State census, 1925.

MEASLES—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts:						
Adams		1		0		
Amesbury		277		0		
Arlington		984		0		
Athol		368		1		368
Attleboro		23		0		
Belmont		503		1		503
Beverly		112		0		
Braintree		158		1		
Brockton	[1] 65,300	1,096	16.78	1	0.02	1,096
Brookline	45,700	529	11.58	3	.07	176
Chelsea	49,800	308	6.18	0		
Chicopee	45,400	114	2.51	0		
Clinton		69		0		
Danvers		41				
Dedham		160		1		160
Easthampton		18		0		
Everett	43,300	398	9.19	4	.09	99
Framingham		348		1		348
Gardner		85		1		85
Greenfield		6		0		
Haverhill	[1] 49,200	131	2.66	0		
Holyoke	60,400	323	5.35	1	.02	323
Lawrence	[1] 93,500	230	2.46	0		
Leominster		55		0		
Malden	53,400	875	16.39	2	.04	437
Medford	52,900	1,059	20.02	2	.04	529
Melrose		394		1		394
Methuen		455		1		455
Milford		92		0		
Milton		336		0		
Natick		389		0		
Newburyport		33				
Newton	57,300	1,669	29.13	4	.07	417
North Adams		45		0		
Northampton		[2] 40		0		
Northbridge		26		0		
Norwood		217		1		217
Palmer		12		0		
Peabody		173		0		
Pittsfield	50,000	4	.08	0		
Plymouth		321		1		321
Quincy	67,600	1,855	27.44	7	.10	265
Salem	43,000	188	4.37	1	.02	188
Saugus		111		0		
Southbridge		11		0		
Taunton	40,600	255	6.28	0		
Wakefield		482		0		
Watertown		586		0		
Webster		161				
West Springfield		120		0		
Westfield		10		0		
Weymouth		145		0		
Winchester		334				
Winthrop		291		0		
Woburn		554		1		554
Michigan:						
Ann Arbor		154		2		77
Battle Creek	47,200	34	.72	0		
Benton Harbor		12				
Cadillac		1		0		
Hamtramck	99,800	130	1.30	0		
Highland Park	86,400	948	10.97	4	.05	237
Ironwood		244		1		244
Ishpeming		198		0		
Jackson	63,700	726	11.40	0		
Kalamazoo	56,400	18	.32	0		
Lansing	79,600	188	2.36	0		
Marquette		94		0		
Muskegon	46,600	112	2.40	0		
Owosso		210		0		
Pontiac	61,500	1,056	17.17	5	.08	211
Port Huron		323		2		161
River Rouge		87		1		87
Saginaw	75,600	231	3.06	1	.01	231
Sault Ste. Marie		15		0		

[1] Population, State census, 1925.

[2] Includes 1 nonresident.

MEASLES—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Minnesota:						
Albert Lea		5				
Austin		3		0		
Brainerd		420		0		
Faribault		46		0		
Hibbing		4		0		
St. Cloud		6		0		
Winona		3		0		
Mississippi:						
Greenville		107		0		
Jackson		817		2		408
Meridian		106				
Missouri:						
Cape Girardeau		72		0		
Carthage		11		0		
Hannibal		6		0		
Independence		65		0		
Joplin		5				
Moberly		64		0		
St. Joseph	78,500	16	0.20	0		
Springfield	51,700	25	.48	0		
Webster Groves		115		0		
Montana:						
Anaconda		4		0		
Billings		2		0		
Butte	43,600	11	.25	0		
Great Falls		283		0		
Helena		19		0		
Missoula		2		0		
Nebraska:						
Grand Island		22		0		
Lincoln	71,100	17	.24	0		
North Platte		44				
New Hampshire:						
Berlin		95				
Claremont		15		0		
Concord		85		1		85
Dover		37		0		
Keene		7		0		
Laconia		8		0		
Manchester	85,700	105	1.23	3	0.04	35
Nashua		437		0		
New Jersey:						
Asbury Park		52		0		
Bayonne	95,000	142	1.49	1	.01	142
Belleville		574		6		96
Bloomfield		495		0		
Bridgeton		179		0		
Clifton		349		1		349
Dover		148		0		
East Orange	65,000	1,413	21.74	7	.11	202
Englewood		24				
Garfield		212		0		
Gloucester		60				
Hackensack		95		1		95
Harrison		161				
Hoboken		187		4		47
Irvington		774		1		774
Kearny		663		0		
Lodi		75		0		
Long Branch		126		0		
Millville		26				
Montclair		508		1		508
Morristown		133		0		
New Brunswick	40,800	35	.86	0		
Nutley		233		2		116
Orange	36,500	648	17.75	2	.05	324
Passaic	71,800	395	5.50	1	.01	395
Perth Amboy	50,100	175	3.49	1	.02	175
Phillipsburg		122		2		61
Plainfield		280		2		140
Rahway		201		0		
Ridgefield Park		36		1		36
Rutherford		205		1		205
Summit		69		0		
Weehawken		111				
West New York		292		3		97
West Orange		238		0		

MEASLES—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
New Mexico:						
Albuquerque		608		5		121
New York:						
Amsterdam	36,200	228	6.30	0		
Auburn	[1] 35,700	163	4.57	1	0.03	163
Batavia		212		1		212
Beacon		12		0		
Binghamton	74,800	1,331	17.79	1	.01	1,331
Cohoes		5		0		
Corning		13		0		
Cortland		64		0		
Dunkirk		27		0		
Elmira	50,000	427	8.54	1	.02	427
Endicott		641		0		
Freeport		40		0		
Geneva		20		0		
Gloversville		28		0		
Hornell		406		0		
Ithaca		254		0		
Jamestown	46,000	545	11.85	0		
Johnstown		18		0		
Kingston		65		0		
Little Falls		76		0		
Lockport		262		1		262
Middletown		322		0		
Mount Vernon	64,700	648	11.85			
New Rochelle	48,800	242	4.96	0		
Newburgh	30,400	15	.49	0		
Niagara Falls	68,300	359	5.26	2	.03	179
North Tonawanda		341		0		
Olean		985		2		492
Oneida		2		0		
Ossining		37		0		
Peekskill		27		0		
Poughkeepsie	39,100	192	4.91	0		
Rensselaer		10		0		
Rome		21		0		
Saratoga Springs		14		0		
Schenectady	93,300	43	.46	0		
Troy	72,300	106	1.47	0		
Watertown	33,700	147	4.36	1	.03	147
Watervliet		4		0		
White Plains		122		0		
North Carolina:						
Asheville		219		2		109
Concord		1,376				
Gastonia		449		3		150
Greensboro	51,900	2,883	55.55	11	.21	262
High Point		10		0		
New Bern		316		0		
Raleigh		992		3		331
Rocky Mount		420		0		
Salisbury		2,358		0		
Wilmington	39,100	784	20.05	2	.05	392
Wilson		533		0		
Winston-Salem	80,000	1,845	23.06	10	.12	184
North Dakota:						
Fargo		4		0		
Ohio:						
Ashland		12		0		
Ashtabula		18		0		
Barberton		77		1		77
Bellefontaine		9		0		
Bucyrus		286		0		
Cambridge		2		1		2
Campbell		112		0		
Chillicothe		4		0		
Cleveland Heights		44		0		
Conneaut		3		0		
Coshocton		3		0		
Cuyahoga Falls		380		0		
East Cleveland		73		0		
East Liverpool		10		0		
Elyria		17		0		
Findlay		24		0		
Fostoria		6		0		
Hamilton	44,200	1,038	23.48	4	.09	259
Ironton		2		0		

[1] Population, State census, 1925.

MEASLES—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Ohio—Continued.						
Kenmore		339		1		339
Lakewood	65,000	167	2.57			
Lima	49,700	77	1.55	0		
Lorain	44,900	316	7.04	0		
Mansfield		152		0		
Marietta		4		0		
Marion		33		1		33
Martins Ferry		208		0		
Massillon		27		1		27
Middletown		83		0		
New Philadelphia		15		0		
Niles		13		0		
Norwood		240		0		
Piqua		7		0		
Portsmouth	41,200	74	1.80	0		
Salem		14		0		
Sandusky		15		0		
Springfield	73,000	147	2.01	0		
Steubenville		30		0		
Tiffin		64		4		16
Warren		18		0		
Zanesville		8		0		
Oklahoma:						
Shawnee		128		3		43
Oregon:						
Astoria		6		0		
Salem		673				
Pennsylvania:						
Aliquippa		373		1		373
Allentown	99,400	931	9.37	5	0.05	186
Altoona	69,100	334	4.83	0		
Beaver Falls		35				
Braddock		114		0		
Bradford		299		0		
Butler		246		0		
Canonsburg		8				
Carlisle		264				
Chambersburg		253		0		
Charleroi		12				
Chester	74,200	451	6.08	2	.03	225
Clairton		266		1		266
Coatesville		179				
Connellsville		2		0		
Donora		35		2		17
Du Bois		183		0		
Duquesne		34		1		34
Easton	38,400	570	14.84	0		
Ellwood City		11				
Greensburg		62				
Harrisburg	86,900	532	6.12	0		
Homestead		32		1		32
Jeannette		48		1		48
Kingston		303				
Lancaster	58,300	1,190	20.41	0		
Lansford		19		0		
Latrobe		63		0		
Lewistown		14				
McKees Rocks		7				
McKeesport	50,400	243	4.82	2	.04	121
Mahanoy City		123				
Meadville		8		0		
Monessen		57				28
Nanticoke		133		5		26
New Castle	52,500	300	5.71			
Norristown	36,200	559	15.44	5	.14	111
North Braddock		179		0		
Oil City		18		1		18
Phoenixville		280		0		
Pittston		101				
Plymouth		217				
Sharon		5		0		
Shenandoah		34				
Steelton		359				
Swissvale		45				
Uniontown		7		0		
Warren		38		0		
Williamsburg		1		0		
Williamsport	44,000	33	.75			
York	49,900	176	3.53	0		

MEASLES—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Rhode Island:						
Central Falls		57		0		
Cranston	37,500	149	3.97	0		
Newport	[1] 27,700	8	.29	0		
Pawtucket	73,100	227	3.11	0		
South Carolina:						
Charleston	75,900	70	.92	0		
Columbia	50,600	1,304	25.77	5	0.10	260
Florence		722				
Greenville		653		4		163
Sumter		110		0		
South Dakota:						
Aberdeen		9		0		
Sioux Falls		7		0		
Texas:						
Amarillo	39,200	1	.03	0		
Beaumont	56,300	181	3.21	0		
Corpus Christi		40				
Galveston	50,600	71	1.40	4	.08	18
Tyler		84		0		
Waco	46,600	113	2.42	0		
Wichita Falls		336				
Utah:						
Ogden	39,100	5	.13	0		
Vermont:						
Barre		9				
Bennington		53				
Burlington		84		0		
Rutland		11				
Virginia:						
Alexandria		20		0		
Charlottesville		245		0		
Danville		821		10		82
Lynchburg	38,600	471	12.20	0		
Newport News	53,300	1,469	27.56	0		
Petersburg	37,800	79	2.09	0		
Portsmouth	61,600	208	3.38	1	.02	208
Roanoke	64,600	265	4.10	0		
Suffolk		24		0		
Washington:						
Aberdeen		23		0		
Bremerton		63		0		
Everett		304		1		304
Yakima		15		0		
West Virginia:						
Charleston	55,200	1,017	18.42	0		
Clarksburg		116		1		116
Fairmont		290				
Huntington	68,600	8	.12	0		
Parkersburg		347				
Wheeling		215		0		
Wisconsin:						
Appleton		13		0		
Beloit		19		0		
Eau Claire		335		0		
Green Bay	36,100	5	.14	0		
Kenosha	56,500	47	.83	0		
La Crosse	30,400	48	1.58	0		
Madison	50,500	28	.55	0		
Manitowoc		41		0		
Marinette		1		0		
Oshkosh	33,200	13	.39	1	.03	13
Racine	74,400	136	1.83	1	.01	136
Sheboygan	35,100	7	.20	0		
Superior		9				
Waukesha		10		0		
Wausau		14		0		
West Allis		6		0		
Wyoming:						
Cheyenne		471		2		235

[1] Population, State census, 1925.

MENINGOCOCCUS MENINGITIS

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Montgomery	63,100	4	0			8	0.13	
Selma		1	0			2		
Arizona:								
Tucson		4	0	7		7		1
Arkansas:								
Fort Smith		3	0	3				
Little Rock	79,200	6	1	3	0.04	1	.01	3
California:								
Berkeley	71,000	7	0	1	.01	0		
Chico		3	0	1		1		1
Pomona		6	0	1		0		
Richmond		7	0	1				
Sacramento	75,700	7	2	15	.20	8	.11	2
San Bernardino		4	0			2		
San Jose	45,500	5	0	2	.04	1	.02	2
Santa Ana				1		0		
Santa Barbara				1		1		1
Santa Cruz		4	0			1		
Stockton	51,000	5	1	10	.20	3	.06	3
Vallejo		3	0			2		
Colorado:								
Boulder		6	0	12		9		1
Colorado Springs		5	0	9		3		3
Pueblo	44,200	6	3	19	.43	7	.16	3
Trinidad						4		
Connecticut:								
Bristol		4	2	1		0		
Danbury		2	2	2		0		
Fairfield		6	0	1		1		1
Manchester		6	0	2		2		1
Meriden	37,100	6	2	5	.13	1	.03	5
New London		4	1	1		1		1
Stamford	43,800			2	.05	0		
Stratford		5	1	5				
West Hartford		2	0	2				
Idaho:								
Boise		7	0	5		1		5
Pocatello		4	1	3		1		3
Illinois:								
Bloomington		5	0	1		0		
Cicero	71,600	6	1	4	.06	1	.01	4
Decatur	57,100	5	0	3	.05	1	.02	3
East St. Louis	74,000	5	0	1	.01	1	.01	1
Elgin	36,000	7	0	2	.06	2	.06	1
Evanston	47,600	7	0	4	.08	2	.04	2
Galesburg		5	1			2		
Granite City		2	1	2		2		1
Kewanee		5	0	1		0		
Moline	35,600	5	1	1	.03	0		
Oak Park	57,700	4	1	6	.10	4	.07	1
Ottawa		4	1			1		
Pekin		6	0	1		1		1
Quincy	39,800	7	0	2	.05	2	.05	1
Rockford	82,800	5	1	6	.07	6	.07	1
Springfield	67,200	7	2	3	.04	2	.03	1
Streator		3	0			5		
Waukegan		4	1	2		2		1
West Frankfort				1				
Indiana:								
Crawfordsville		7	0	1		1		1
Evansville	98,100	2	0			1	.01	
La Fayette		7	0			1		
Mishawaka		6	1	1		1		1
Muncie	46,800	7	0			5	.11	
Newcastle						3		
Peru		3	0			1		
Terre Haute	73,500	7	0			1	.01	
Iowa:								
Cedar Rapids	58,200	6	1	4	.07	3	.05	1
Davenport	[1] 52,500	5	0	1	.02	1	.02	1
Fort Dodge		3	0	2				
Waterloo	37,100	6	3	1	.03	0		

[1] Population State census, 1925.

MENINGOCOCCUS MENINGITIS—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Kansas:								
Arkansas City		2	0			2		
Coffeyville		7	0	2		1		2
Lawrence		5	0	1		1		1
Leavenworth		7	0			4		
Newton						3		
Pittsburg				3				
Topeka	62,800	5	1	2	0.03	1	0.02	2
Wichita	99,300	6	4			1	.01	
Kentucky:								
Newport		4	2	3		3		1
Louisiana:								
Alexandria						5		
Baton Rouge		5	0	2		1		2
Shreveport	81,300	4	1	1	.01	1	.01	1
Maine:								
Bath		4	2			3		
Portland	78,600	5	0			3	.04	
Sanford		6	0	1		0		
Maryland:								
Frederick		2	0			3		
Massachusetts:								
Adams		6	0	1		0		
Chelsea	49,800	7	0			2	.04	
Framingham		6	0	1		0		
Gardner		7	0	2		2		1
Greenfield		4	1	2		2		1
Haverhill	[1] 49,200	6	1	2	.04	0		
Holyoke	60,400	4	2	7	.12	7	.12	1
Lawrence	[1] 93,500	5	3	5	.05	3	.03	2
Malden	53,400	7	1	1	.02	0		
Milford		5	0	1		1		1
Newton	57,300	7	0	1	.02	1	.02	1
North Adams		6	1	1		1		1
Northampton		7	1	[2] 6		3		2
Northbridge		6	0	1		0		
Peabody		6	1	1		0		
Quincy	67,600	7	0	2	.03	1	.01	2
Webster		6	1	1				
Westfield		6	1	2		1		2
Weymouth		1	0	1		0		
Michigan:								
Ann Arbor		6	1	3		1		3
Benton Harbor		6	0	1				
Hamtramck	99,800			4	.04	0		
Highland Park	86,400	6	7	21	.24	16	.19	1
Holland		6	0			6		
Ironwood		5	2	6		3		2
Ishpeming		7	0	3		3		1
Jackson	63,700	6	0	3	.05	2	.03	1
Kalamazoo	56,400	7	2	2	.04	2	.04	1
Lansing	79,600					1	.01	
Marquette		5	0	1		1		1
Muskegon	46,600	5	2			3	.06	
Owosso						3		
Pontiac	61,500	7	0	6	.10	1	.02	6
Port Huron		4	1			9		
River Rouge		3	0			2		
Saginaw	75,600			8	.11	8	.11	1
Sault Ste. Marie		7	1	8		3		3
Minnesota:								
Albert Lea		2	0	1		0		
Austin		4	0			1		
Hibbing		7	0	1		1		1
St. Cloud		4	0	2		2		1
Virginia		3	2	1		0		
Missouri:								
Cape Girardeau						5		
Carthage						3		
Independence				3		3		1
Joplin		5	0	1				
Moberly		5	2	4		3		1
Springfield	51,700	4	1			3	.06	

[1] Population, State census, 1925.

[2] Includes 1 nonresident.

MENINGOCOCCUS MENINGITIS—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Montana:								
Anaconda		6	3	9		1		9
Billings		2	1			6		
Butte	43,600	3	6	27	0.62	19	0.44	1
Great Falls		4	2	14		7		2
Helena		2	3	4		2		2
Missoula				9		3		3
Nebraska:								
North Platte		4	2	2		1		2
New Hampshire:								
Nashua		4	1			5		
New Jersey:								
Bayonne	95,000	5	6			1	.01	
Belleville		6	1	1		1		1
Bridgeton		3	0	6		1		6
Clifton		6	1	3		2		1
Garfield		3	3	1		0		
Hackensack		6	1	2		0		
Irvington		6	1	2		1		2
Kearny		6	1	2		0		
Lodi						13		
Montclair		6	3	2		2		1
New Brunswick	40,800	5	1	6	.15	0		
Orange	36,500	6	1	4	.11	0		
Passaic	71,800					12	.17	
Ridgefield Park		4	0			2		
Rutherford		3	0	1		0		
Weehawken				5				
West New York		7	0	2		0		
New Mexico:								
Albuquerque		2	3	1		0		
New York:								
Amsterdam	36,200	3	2	5	.14	4	.11	1
Auburn	[1] 35,700	4	0	3	.08	3	.08	1
Batavia		2	1	1		1		1
Beacon		1	1			5		
Binghamton	74,800	6	1	1	.01	1	.01	1
Elmira	50,000	3	3	6	.12	6	.12	1
Geneva		4	0			5		
Gloversville		7	0	1		0		
Hornell		6	0	2		1		2
Kingston		6	0	1		0		
Mount Vernon	54,700	7	1			2	.04	
New Rochelle	48,800	4	2	2	.04	1	.02	2
Oneida				1		0		
Ossining		3	1			1		
Peekskill		6	1	1		1		1
Saratoga Springs		7	0	5		2		2
Schenectady	93,300	7	1	3	.03	0		
Troy	72,300	6	3	3	.04	3	.04	1
Watertown	33,700	5	0	1	.03	1	.03	1
Watervliet		6	0			1		
White Plains		7	1	2		1		2
North Carolina:								
Greensboro	51,900	5	0	1	.02	0		
New Bern						2		
Raleigh		5	1			5		
Rocky Mount		4	0			1		
Salisbury		3	1	1		1		1
Wilson		3	0			6		
Winston-Salem	80,000	5	2	1	.01	1	.01	1
North Dakota:								
Fargo		5	0	8		6		1
Ohio:								
Barberton		5	0	1		1		1
Campbell						1		
Cleveland Heights		6	0	2		0		
Hamilton	44,200			1	.02	1	.02	1
Lakewood	65,000	5	0	2	.03	0		
Lancaster		6	1	4		4		1
Lorain	44,900	5	1	10	.22	3	.07	3
Marion		5	0	1		0		

[1] Population, State census, 1925.

MENINGOCOCCUS MENINGITIS—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Ohio—Continued.								
Niles		6	0	1		0		
Piqua		5	0			1		
Steubenville		6	2	2		2		1
Warren		5	1			3		
Oklahoma:								
Shawnee						1		
Oregon:								
Salem		1	1			1		
Pennsylvania:								
Aliquippa		6	0	1		1		1
Altoona	69,100	5	0	5	0.07	2	0.03	2
Bradford		4	1	1		1		1
Canonsburg		4	0	2				
Charleroi		7	0	1				
Donora		6	0	1		0		
Harrisburg	86,900	7	1	4	.05	4	.05	1
Lancaster	58,300	5	0	2	.03	2	.03	1
Lansford		4	0	1		1		1
McKeesport	50,400	6	1	12	.24	0		
Meadville		1	0			4		
New Castle	52,500	7	0	1	.02			
Pittston		3	0	1				
Shenandoah		4	2			4		
Williamsport	44,000	2	0	4	.09			
Rhode Island:								
Cranston	37,500	5	0			5	.13	
Pawtucket	73,100	4	1	2	.03	0		
South Carolina:								
Charleston	75,900	2	3	1	.01	0		
Sumter		4	0	3		3		1
South Dakota:								
Aberdeen		6	0	1		1		1
Texas:								
Amarillo	39,200	5	0			1	.03	
Galveston	50,600	4	1			1	.02	
Utah:								
Ogden	39,100	5	0	15	.38	9	.23	2
Vermont:								
Burlington		3	0			1		
Virginia:								
Alexandria		6	0			2		
Danville						6		
Portsmouth	61,600	5	0	2	.03	2	.03	1
Washington:								
Aberdeen		7	1	4		2		2
Bremerton		3	2			2		
Everett						1		
Walla Walla		4	1	7		6		1
Yakima		7	0	11		8		1
West Virginia:								
Charleston	55,200	3	3			7	.13	
Clarksburg		6	1	9		3		3
Fairmont		7	0	3				
Wheeling		6	1	1		0		
Wisconsin:								
Appleton		5	0	1		1		1
Beloit		6	0			1		
Eau Claire		6	0	3		1		3
Kenosha	56,500	7	0	2	.04	0		
Marinette		6	0	1		1		1
Oshkosh	33,200	5	0	2	.06	0		
Racine	74,400	7	2	11	.15	8	.11	1
Sheboygan	35,100	5	0			10	.28	
Waukesha		1	1	1		0		
West Allis		4	3			4		

MUMPS

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		2	1	3		0		
Florence		3	6	14		0		
Gadsden		2	17	19		0		
Mobile	69,600	4	12	4	0.06	0		
Montgomery	63,100			10	.16	0		
Selma		1	24	8		0		
Arizona:								
Douglas		2	9	41		0		
Tucson		5	4	2		0		
Arkansas:								
Fort Smith		5	27	23				
Helena		1	0	4		0		
Little Rock	79,200	6	22	75	.95	0		
Pine Bluff				44		0		
California:								
Alhambra		4	54	105		1		105
Bakersfield		6	13	12		0		
Berkeley	71,000	6	353	191	2.69	0		
Chico		4	5	2		0		
Eureka		6	33	6		0		
Pasadena	62,100	6	174	283	4.56	0		
Pomona		5	38	85		0		
Riverside		5	19	21		0		
Sacramento	75,700	6	111	302	3.99	0		
San Bernardino		5	25	17		0		
San Jose	45,500	6	31	389	8.55	0		
Santa Ana		6	22	63		0		
Santa Barbara		4	26	6		0		
Santa Cruz				49		0		
Stockton	51,000	4	44	202	3.96	0		
Colorado:								
Boulder		6	51	56		0		
Colorado Springs		5	34	16		0		
Pueblo	44,200	6	65	21	.48	0		
Connecticut:								
Bristol		4	37	136		0		
Danbury				3		0		
Fairfield		6	47	4		0		
Greenwich		6	67	178		0		
Manchester		5	2	2		0		
Meriden	37,100	5	20	138	3.72	0		
New Britain	72,800	6	27	429	5.89	0		
New London		5	40	10		0		
Norwich		4	10	24				
Stamford	43,800	4	12	220	5.02	0		
Stratford		5	5	[1] 75				
West Hartford		2	57	121		0		
Georgia:								
Athens		5	17	5		0		
Brunswick		4	67	94		0		
Savannah	99,900	6	40	30	.30	0		
Waycross		2	60	4		0		
Idaho:								
Boise		6	15	27		0		
Pocatello		4	19	2		0		
Illinois:								
Aurora	47,100	5	22	61	1.30	1	0.02	61
Berwyn		6	123	51		0		
Bloomington		5	163	126		0		
Blue Island		6	36	1		0		
Champaign		5	33	8				
Chicago Heights				6		0		
Cicero	71,600	6	225	127	1.77	0		
Decatur	57,100	4	43	41	.72	0		
East Moline		4	45	6		0		
East St. Louis	74,000	5	8	11	.15	1	.01	11
Elgin	36,000	6	241	888	24.67	0		
Evanston	47,600	5	68	863	18.13	0		
Galesburg		4	16	249		0		
Granite City		2	18	4		0		
Jacksonville		5	22	27		0		

[1] Estimated.

MUMPS—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Illinois—Continued.								
Joliet	41,900	3	7	31	0.74	0		
Kewanee		4	6	9		0		
Maywood		6	61	58		0		
Moline	35,600	5	34	143	4.02	0		
Oak Park	57,700	6	360	190	3.29	0		
Ottawa		3	2	75		0		
Pekin		6	27	1		1		1
Quincy	39,800	6	98	103	2.59	0		
Rock Island	42,700	4	27	30	.70	0		
Rockford	82,800	6	290	658	7.95	1	0.01	658
Springfield	67,200	4	64	262	3.90	0		
Streator		4	7	17		0		
Urbana		3	10	20		0		
Waukegan		5	28	8		0		
Indiana:								
Connersville		4	33	4		0		
Crawfordsville		6	2	34		0		
East Chicago	50,800	6	20	13	.26	0		
Elkhart				18		0		
Hammond	56,000	3	2	3	.05	0		
La Fayette		4	2	15		0		
Mishawaka				1		0		
Muncie	46,800			88	1.88	0		
Newcastle		3	4	4		0		
Richmond		5	3	24		0		
Iowa:								
Boone		3	23	59		0		
Burlington		6	39	12		0		
Cedar Rapids	58,200	3	7	249	4.28	0		
Fort Dodge				5				
Keokuk		1	7	84				
Mason City		4	4	118		0		
Sioux City	80,000	3	2	747	9.34	0		
Waterloo	37,100	4	96	647	17.44			
Kansas:								
Arkansas City				2		0		
Atchison		2	4	5				
Coffeyville		5	2	9		0		
Eldorado		5	4	15		0		
Emporia		4	38	85		0		
Fort Scott		4	8	31		0		
Lawrence		5	11	214		0		
Leavenworth		5	1	27		0		
Pittsburg		5	1	16				
Topeka	62,800	5	25	124	1.97	0		
Wichita	99,300	4	173	70	.70	0		
Kentucky:								
Covington	59,000	4	17	2	.03	0		
Paducah				18				
Louisiana:								
Alexandria		2	2	1		0		
Lake Charles				54		0		
Shreveport	81,300	5	17	10	.12	0		
Maine:								
Auburn		5	14	44		0		
Bath		6	10	2		0		
Lewiston	36,600	6	36	115	3.14	0		
Portland	78,600	6	321	423	5.38	0		
Sanford		5	4	6		0		
Waterville		6	21	319		0		
Maryland:								
Cumberland		5	7	3		0		
Massachusetts:								
Adams				17		0		
Amesbury		5	6	133		0		
Arlington		6	79	57		0		
Athol		3	1	1		0		
Attleboro		5	5	150		0		
Belmont		6	30	12		0		
Beverly		6	11	36		0		
Braintree		5	48	13		0		
Brockton	[2] 65,300	6	81	251	3.84	0		
Brookline	45,700	6	112	13	.28	0		
Chelsea	49,800	6	50	1	.02	0		

[2] Population, State census, 1925.

MUMPS—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.								
Chicopee	45,400	5	2	30	0.66	0		
Clinton		5	20	48		0		
Danvers		6	19	6				
Dedham		4	9	5		0		
Easthampton		6	10	15		0		
Everett	43,300	6	72	8	.18	0		
Framingham				408		0		
Gardner		4	3	43		0		
Greenfield		5	58	43		0		
Haverhill	[2] 49,200	6	94	84	1.71	0		
Holyoke	60,400	4	23	91	1.51	0		
Lawrence	[2] 93,500	6	50	38	.41	0		
Leominster		6	15	155		0		
Malden	53,400	6	58	11	.21	0		
Medford	52,900	6	151	37	.70	0		
Melrose		6	30	6		0		
Methuen		6	47	57		0		
Milford		5	18	51		0		
Milton		3	12	6		0		
Natick		5	10	12		0		
Newburyport		6	39	17				
Newton	57,300	6	495	30	.52	0		
North Adams		5	6	10		1		10
Northampton		6	78	[3] 127		0		
Northbridge		6	13	38		0		
Norwood		3	24	1		0		
Palmer				1		0		
Peabody		6	17	3		0		
Pittsfield	50,000	6	26	7	.14	0		
Plymouth		6	41	3		0		
Quincy	67,600	6	93	6	.09	0		
Salem	43,000	6	56	7	.16	0		
Saugus		6	19	19		0		
Southbridge		4	12	8		0		
Taunton	40,600	6	4	42	1.03	0		
Wakefield		5	21	6		0		
Watertown		6	64	25		0		
Webster		4	15	31				
West Springfield		3	26	34		0		
Westfield		5	15	44		1		44
Weymouth		1	8	10		0		
Winchester		6	61	5				
Winthrop		6	66	41		0		
Woburn		5	4	6		0		
Michigan:								
Adrian		4	4	2		1		2
Ann Arbor		5	12	214		0		
Battle Creek	47,200	5	66	36	.76	0		
Benton Harbor		6	3	4				
Hamtramck	99,800	6	9	13	.13	0		
Highland Park	86,400	6	190	256	2.96	0		
Ironwood		6	7	266		0		
Jackson	63,700	6	290	273	4.29	0		
Kalamazoo	56,400	6	217	284	5.04	0		
Lansing	79,600	6	83	861	10.82	0		
Marquette		3	8	150		0		
Muskegon	46,600	6	8	2	.04	0		
Owosso				53		0		
Pontiac	61,500	6	196	241	3.92	0		
Port Huron		5	10	185		0		
River Rouge				1		0		
Saginaw	75,600	6	55	216	2.86	0		
Sault Ste. Marie				2		0		
Minnesota:								
Albert Lea				4				
Brainerd		2	20	3		0		
Mississippi:								
Greenville				17		0		
Jackson		5	137	122		0		
Meridian		3	120	9				

[2] Population, State census, 1925.

[3] Includes 2 nonresidents.

MUMPS—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Missouri:								
Carthage				11		0		
Hannibal		3	9	55		0		
Independence		4	23	8		0		
Joplin		5	1	11				
St. Joseph	78,500	6	25	123	1.57	0		
Springfield	51,700	5	6	40	.77	0		
Webster Groves				30		0		
Montana:								
Billings		2	39	1		0		
Butte	43,600			10	.23	0		
Great Falls		4	6	42		0		
Helena		6	6	1		0		
Missoula		4	10	1		0		
Nebraska:								
Grand Island		5	6	5		0		
North Platte		5	1	1		0		
New Hampshire:								
Berlin				1		0		
Claremont		4	6	1		0		
Dover		6	14	10		0		
Keene		6	3	10		0		
Laconia		2	18	209		0		
Nashua		3	3	14		0		
New Jersey:								
Bayonne	95,000	4	6	9	.09	0		
Belleville		5	22	11		0		
Bloomfield		5	92	377		0		
Clifton		5	9	13		0		
Dover		4	52	5		0		
East Orange	65,000	5	127	349	5.37	0		
Englewood		5	28	60				
Garfield		5	7	7		0		
Hackensack		6	71	33		0		
Harrison		5	7	34				
Irvington		5	171	77		0		
Kearny		5	45	261		0		
Long Branch		5	4	5		0		
Millville				2		0		
Montclair		6	133	392		0		
Morristown		6	36	120		0		
Nutley		2	18	8		0		
Orange	36,500	5	15	295	8.08	0		
Passaic	71,800	5	28	60	.84	0		
Perth Amboy	50,100	6	0	2	.04	0		
Rahway		6	6	4		0		
Ridgefield Park		4	34	35		0		
Rutherford		4	50	12		0		
Summit		6	39	84		0		
Weehawken				1				
West New York		5	2	4		0		
West Orange		6	54	122		0		
New Mexico:								
Albuquerque		3	75	17		0		
New York:								
Amsterdam	36,200	6	62	47	1.30	0		
Auburn	[2] 35,700	4	24	142	3.98	0		
Batavia		2	36	4				
Beacon		2	74	4		0		
Binghamton	74,800	6	321	162	2.17	0		
Corning		5	25	118		0		
Cortland		5	4	6		0		
Dunkirk		6	14	17		0		
Elmira	50,000	5	89	208	4.16	0		
Endicott		4	152	239		0		
Freeport		3	26	1		0		
Geneva		5	81	9		0		
Gloversville		5	33	9		0		
Hornell		4	25	77		0		
Ithaca		6	82	89		0		
Jamestown	46,000	6	67	2,011	43.72			
Kingston		4	21	133		0		
Little Falls		6	19	169		0		

[2] Population, State census, 1925.

MUMPS—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
New York—Continued.								
Lockport		6	23	17		0		
Middletown		5	3	5		0		
Mount Vernon	54,700	6	190	75	1.37	0		
New Rochelle	48,800	6	80	66	1.35	2	0.04	33
Niagara Falls	68,300	6	109	227	3.32	0		
North Tonawanda		6	13	15		0		
Olean		5	18	87		0		
Oneida				113		0		
Ossining		2	62	6		0		
Peekskill		6	45	11		0		
Poughkeepsie	39,100	6	61	249	6.37	0		
Rensselaer		5	4	20		0		
Rome		6	15	151		0		
Saratoga Springs		6	81	119		0		
Schenectady	93,300	5	78	63	.68	1	.01	63
Troy	72,300	6	150	26	.36	0		
Watertown	33,700	5	92	8	.24	0		
Watervliet		5	3	1		0		
White Plains		6	58	67		0		
North Carolina:								
Greensboro	51,900	4	123	253	4.87	0		
High Point				25		0		
Rocky Mount		4	3	10		0		
Wilmington	39,100	6	102	6	.15	0		
Winston-Salem	80,000	6	244	344	4.30	0		
North Dakota:								
Fargo		3	33	76		0		
Ohio:								
Ashland				50		0		
Ashtabula		5	4	6		0		
Barberton		4	4	4		0		
Bellefontaine		2	9	1		0		
Bucyrus		6	10	2		0		
Cambridge		4	3	2		0		
Campbell		4	7	9		0		
Chillicothe		4	2	1		0		
Cleveland Heights		5	7	204		0		
Coshocton		3	1	1		0		
Cuyahoga Falls		5	13	3		0		
East Cleveland		5	25	250		0		
Elyria		6	6	75		0		
Findlay		6	37	12		0		
Fostoria				10		0		
Hamilton	44,200	6	15	225	5.09	0		
Ironton		3	2	2		0		
Kenmore		5	3	26		0		
Lakewood	65,000	4	44	158	2.43	0		
Lima	49,700	6	10	14	.28	0		
Lorain	44,900	6	28	117	2.61	0		
Mansfield		5	35	13		0		
Martins Ferry		3	0	24		0		
Niles		5	20	1		0		
Piqua		6	5	1		0		
Portsmouth	41,200			2	.05	0		
Salem		5	5	53		0		
Sandusky		6	28	10		0		
Springfield	73,000	6	20	29	.40	0		
Steubenville		6	1	4		0		
Warren		4	62	22		0		
Oregon:								
Astoria		5	1	1		0		
Salem		2	52	7		0		
Pennsylvania:								
Aliquippa		6	53	113		0		
Allentown	99,400	3	19	820	8.25	0		
Altoona	69,100	5	51	62	.90	0		
Beaver Falls		4	19	8				
Braddock		6	11	47		0		
Bradford		5	11	57		0		
Butler		5	78	18		0		
Canonsburg		4	1	1				
Carlisle		6	32	3				
Chambersburg		6	27	6		0		

MUMPS—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania—Continued.								
Charleroi		6	21	43				
Chester	74,200	4	48	6	0.08	0		
Clairton		5	4	39		0		
Coatesville		5	10	162		0		
Connellsville		5	2	54		0		
Donora		3	8	29		0		
Du Bois		3	20	5		0		
Duquesne		3	3	12		0		
Easton	38,400	5	30	221	5.76	0		
Ellwood City		2	66	9				
Farrell		6	30	5				
Greensburg		3	5	41				
Harrisburg	86,900	6	181	87	1.00	0		
Homestead		6	12	63		0		
Kingston		5	59	253				
Lancaster	58,300	5	16	708	12.14	0		
Lansford		3	2	6		0		
Latrobe		2	10	73		0		
Lewistown		3	2	34		0		
McKees Rocks		4	19	22				
McKeesport	50,400	6	20	17	.34	0		
Meadville		2	2	50		0		
Monessen		6	36	205		0		
Nanticoke		4	2	1		0		
New Castle	52,500	4	22	76	1.45			
Norristown	36,200	6	44	185	5.11	0		
North Braddock		6	6	32		0		
Oil City		6	136	83		0		
Phoenixville		5	8	88		0		
Pittston		5	0	2				
Plymouth		2	17	22				
Sharon		6	69	444		0		
Shenandoah		3	2	7		0		
Steelton		5	27	43		0		
Swissvale		5	3	21		0		
Uniontown		5	3	169		0		
Warren		4	10	273		0		
Williamsport	44,000	3	165	67	1.52			
Rhode Island:								
Pawtucket	73,100	4	49	230	3.15	0		
South Carolina:								
Charleston	75,900	3	7	6	.08	0		
Columbia	50,600	5	102	623	12.31	0		
Florence		2	20	271				
Greenville		6	28	77		0		
Sumter		4	14	1		0		
South Dakota:								
Aberdeen		3	16	1		0		
Texas:								
Galveston	50,600	6	4	6	.12	0		
Waco	46,600	6	6	4	.09	0		
Wichita Falls		1	14	10				
Utah:								
Ogden	39,100	6	108	544	13.91	0		
Vermont:								
Barre		5	8	37				
Bennington		3	22	8				
Burlington		3	6	50		0		
Rutland		2	35	16				
Virginia:								
Alexandria		6	37	15		0		
Charlottesville		3	17	3		0		
Danville		5	10	45		0		
Lynchburg	38,600	4	96	160	4.15	0		
Newport News	53,300	5	83	10	.19	0		
Petersburg	37,800	6	14	2	.05	0		
Roanoke	64,600	5	18	28	.43	0		
Suffolk		2	8	12		0		
Washington:								
Aberdeen		5	6	10		0		
Bremerton		3	78	1		0		
Everett		4	12	3		0		
Walla Walla		4	2	105		0		
Yakima		5	11	179		0		

MUMPS—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
West Virginia:								
Clarksburg		5	52	681		0		
Fairmont		5	6	4				
Wheeling		6	21	227		0		
Wisconsin:								
Appleton		5	4	15		0		
Beloit		6	81	101		0		
Eau Claire		6	84	1,181		0		
Green Bay	36,100	5	9	23	0.64	0		
Kenosha	56,500	5	60	43	.76	0		
La Crosse	30,400	4	20	112	3.68	0		
Madison	50,500	4	157	43	.85	0		
Manitowoc		4	9	74		0		
Marinette				4		0		
Oshkosh	33,200			5	.15	0		
Racine	74,400	6	183	78	1.05	0		
Superior				11				
Waukesha		3	8	2		0		
Wausau		6	46	264		0		
West Allis		4	11	22		0		
Wyoming:								
Cheyenne		3	5	8		0		

PELLAGRA

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Bessemer				5		
Florence				2		
Mobile	69,600			17	0.24	
Montgomery	63,100	22	0.35	19	.30	1
Selma				16		
Arkansas:						
Fort Smith		20				
Helena		20		6		3
Little Rock	79,200			28	.35	
Pine Bluff				19		
California:						
Sacramento	75,700	14	.18	7	.09	2
San Bernardino				2		
Santa Ana		1		0		
Colorado:						
Colorado Springs		1		1		1
Georgia:						
Athens				3		
Brunswick		8		8		1
Lagrange				7		
Macon	61,200	50	.82	20	.33	2
Savannah	99,900	32	.32	32	.32	1
Waycross		12		2		6
Illinois:						
Jacksonville				1		
Moline	35,600	1	.03	1	.03	1
Indiana:						
East Chicago	50,800	1	.02	1	.02	
Kansas:						
Coffeyville		1		1		1
Eldorado				1		
Newton				1		
Topeka	62,800	1	.02	1	.02	1
Kentucky:						
Lexington	48,700			6	.12	
Paducah		1				

PELLAGRA—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Louisiana:						
Alexandria				8		
Baton Rouge				4		
Lake Charles		1		0		
Shreveport	81,300			26	0.32	
Maine:						
Waterville		2		2		1
Massachusetts:						
Brookline	45,700	1	0.02	1	.02	1
Chelsea	49,800			1	.02	
Newburyport		1				
Northampton		[1] 2		[1] 2		[1] 1
Peabody		1		0		
Michigan:						
Lansing	79,600	1	.01	1	.01	1
Mississippi:						
Greenville		362		6		16
Jackson		181		12		15
Meridian		77				
New Hampshire:						
Concord		1		1		1
New Jersey:						
New Brunswick	40,800			5	.12	
North Carolina:						
Gastonia				13		
Greensboro	51,900			16	.31	
High Point		15		2		7
New Bern				2		
Raleigh				24		
Rocky Mount				1		
Salisbury				3		
Wilmington	39,100			6	.15	
Winston-Salem	80,000	28	.35	26	.32	1
Oklahoma:						
Shawnee				2		
Pennsylvania:						
Allentown	99,400	1	.01	1	.01	1
South Carolina:						
Anderson				18		
Charleston	75,900	57	.75	27	.36	2
Columbia	50,600			161	3.18	
Greenville				9		
Sumter				13		
Texas:						
Amarillo	39,200			3	.08	
Austin	[2] 45,000			8	.18	
Beaumont	56,300			5	.09	
Galveston	50,600			5	.10	
Orange		1		1		1
San Angelo				2		
Waco	46,600			16	.34	
Virginia:						
Danville				4		
Lynchburg	38,600			6	.16	
Petersburg	37,800	8	.21	6	.16	1
Portsmouth	61,600			4	.06	
Roanoke	64,600			4	.06	
Suffolk		4		4		1

[1] Nonresidents. [2] Population, special census.

PNEUMONIA (ALL FORMS)

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Bessemer				69		
Florence				16		
Mobile	69,600			63	0.91	
Montgomery	63,100	125	1.98	122	1.93	1
Selma				70		
Arizona:						
Douglas				53		
Tucson				157		

PNEUMONIA (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Arkansas:						
Fort Smith		55				
Helena				8		
Little Rock	79,200			94	1.19	
Pine Bluff				46		
California:						
Alhambra		14				
Bakersfield		32		25		1
Berkeley	71,000			37	.52	
Chico				18		
Eureka				17		
Pasadena	62,100			90	1.45	
Pomono		57		45		1
Richmond		4				
Riverside				40		
Sacramento	75,700	162	2.14	138	1.82	1
San Bernardino				80		
San Jose	45,500			46	1.01	
Santa Ana		28		17		2
Santa Barbara		32		30		1
Santa Cruz				23		
Santa Monica				33		
Stockton	51,000	109	2.14	74	1.45	1
Vallejo				22		
Colorado:						
Boulder		60		31		2
Colorado Springs				63		
Pueblo	44,200			83	1.88	
Trinidad				35		
Connecticut:						
Bristol		68		17		4
Danbury		65		35		2
Fairfield		20		5		4
Greenwich		100		29		3
Manchester		52		20		2
Meriden	37,100	151	4.07	56	1.51	3
New Britain	72,800	190	2.61	90	1.24	2
New London		43		32		1
Norwich		9				
Stamford	43,800			46	1.05	
Stratford		82				
West Hartford		60		17		4
Georgia:						
Athens				14		
Brunswick				24		
Columbus	46,600			127	2.73	
Lagrange				25		
Macon	61,200			93	1.52	
Savannah	99,900			145	1.45	
Waycross		46		30		2
Idaho:						
Boise				32		
Pocatello		63		7		9
Illinois:						
Aurora	47,100	137	2.91	64	1.36	2
Berwyn		73		24		3
Bloomington				42		
Blue Island		39		29		1
Centralia				16		
Champaign		20				
Chicago Heights				41		
Cicero	71,600	98	1.37	55	.77	2
Decatur	57,100	145	2.54	67	1.17	2
East Moline		19		7		3
East St. Louis	74,000	130	1.76	96	1.30	1
Elgin	36,000	151	4.19	54	1.50	3
Evanston	47,600	160	3.36	80	1.68	2
Galesburg		56		44		1
Granite City		61		11		6
Jacksonville		89		67		1
Joliet	41,900	85	2.03	66	1.58	1
Kewanee		82		25		3
Maywood		53		8		7
Moline	35,600	85	2.39	37	1.04	2
Oak Park	57,700	256	4.44	81	1.40	3
Ottawa		69		22		3
Pekin				19		
Quincy	39,800	84	2.11	40	1.01	2
Rock Island	42,700	64	1.50	20	.47	3

PNEUMONIA (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Illinois—Continued.						
Rockford	82,800	125	1.51	60	0.72	2
Springfield	67,200	259	3.85	61	.91	4
Streator				21		
Urbana		18		17		1
Waukegan		61		17		4
West Frankfort		3				
Indiana:						
Anderson				53		
Connersville				15		
Crawfordsville				15		
East Chicago	50,800			136	2.68	
Elkhart				42		
Elwood				19		
Evansville	98,100			155	1.58	
Gary	89,100			212	2.38	
Hammond	56,000			83	1.48	
Kokomo	40,400			42	1.04	
La Fayette				68		
La Porte				13		
Michigan City				31		
Mishawaka		33		32		1
Muncie	46,800			77	1.65	
New Albany				37		
Newcastle				15		
Peru				20		
Richmond				22		
South Bend	86,100			129	1.50	
Terre Haute	73,500			87	1.18	
Vincennes				30		
Wabash		11				
Whiting				5		
Iowa:						
Boone				16		
Burlington		57		23		2
Cedar Rapids	58,200			44	.76	
Davenport	[1] 52,500			58	1.10	
Keokuk		2				
Mason City				28		
Sioux City	80,000			123	1.54	
Kansas:						
Arkansas City				20		
Atchison		26				
Coffeyville		44		30		1
Eldorado				18		
Emporia		28		15		2
Fort Scott		5		1		5
Lawrence				28		
Leavenworth				16		
Newton				25		
Pittsburg		22				
Topeka	62,800	160	2.55	63	1.00	3
Wichita	99,300			138	1.39	
Kentucky:						
Covington	59,000			130	2.20	
Lexington	48,700			128	2.63	
Newport				29		
Paducah		8				
Louisiana:						
Alexandria				37		
Baton Rouge				26		
Lake Charles				18		
Shreveport	81,300			99	1.22	
Maine:						
Auburn		37		9		4
Bath		20		17		1
Biddeford		39		26		1
Lewiston	36,600	57	1.56	22	.60	3
Portland	78,600	104	1.32	76	.97	1
Sanford		9		8		1
Waterville		24		14		2
Westbrook		31		15		2
Maryland:						
Cumberland		71		36		2
Frederick		31		23		1
Massachusetts: [2]						
Adams		22		17		
Amesbury		19		19		

[1] Population, State census, 1925.
[2] Cases of pneumonia reported by cities in Massachusetts are lobar only; deaths are for all forms.

PNEUMONIA (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.						
Arlington		30		26		
Athol				5		
Attleboro		19		17		
Belmont		22		19		
Beverly		32		24		
Braintree		9		17		
Brockton	[1] 65,300	56	0.86	27	0.41	
Brookline	45,700	45	.98	34	.74	
Chelsea	49,800	88	1.77	85	1.71	
Chicopee	45,400	30	.66	47	1.04	
Clinton		22		14		
Danvers		3		35		
Dedham		17		12		
Easthampton		52		17		
Everett	43,300	72	1.66	26	.60	
Framingham		14		29		
Gardner		13		19		
Gloucester				33		
Greenfield		6		20		
Haverhill	[1] 49,200	63	1.28	50	1.02	
Holyoke	60,400			103	1.71	
Lawrence	[1] 93,500	58	.62	38	.41	
Leominster		58		27		
Malden	53,400	85	1.59	20	.37	
Medford	52,900	70	1.32	40	.76	
Melrose		30		20		
Methuen		4		25		
Milford		5		25		
Milton		15		14		
Natick		7		7		
Newburyport		7				
Newton	57,300	61	1.06	24	.42	
North Adams		16		23		
Northampton		[3] 16		[4] 7		
Northbridge		13		14		
Norwood		4		20		
Palmer		6		2		
Peabody		29		21		
Pittsfield	50,000	48	.96	34	.68	
Plymouth		21		18		
Quincy	67,600	49	.72	50	.74	
Salem	43,000	35	.81	41	.95	
Saugus		6		8		
Southbridge		8		10		
Taunton	40,600			33	.81	
Wakefield		23		15		
Watertown		20		3		
Webster		7				
West Springfield		7		7		
Westfield		15		15		
Weymouth		5		1		
Winchester		13		11		
Winthrop		23		17		
Woburn		12		13		
Michigan:						
Adrian		17		15		1
Ann Arbor		39		15		3
Battle Creek	47,200	30	.64	7	.15	4
Benton Harbor		19				
Cadillac				5		
Hamtramck	99,800			58	.58	
Highland Park	86,400	162	1.87	73	.84	2
Holland				10		
Ironwood				10		
Ishpeming				13		
Jackson	63,700	[5] 44	[5] .69	52	.82	
Kalamazoo	56,400	105	1.86	53	.94	2
Lansing	79,600	54	.68	52	.65	1
Marquette		32		16		2
Muskegon	46,600			59	1.27	
Owosso				23		
Pontiac	61,500	228	3.71	78	1.27	3
Port Huron				53		
River Rouge				20		
Saginaw	75,600			165	2.18	
Sault Ste. Marie		23		11		2

[1] Population, State census, 1925
[3] Includes 6 nonresidents.
[4] Includes 4 nonresidents.
[5] Lobar pneumonia only

PNEUMONIA (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Minnesota:						
Albert Lea				6		
Austin				17		
Brainerd				31		
Faribault				21		
Hibbing				12		
St. Cloud				31		
Virginia				12		
Winona				16		
Mississippi:						
Greenville		227		23		10
Jackson		529		72		7
Meridian		69				
Missouri:						
Cape Girardeau				29		
Carthage				8		
Hannibal		2		0		
Independence				27		
Joplin		2				
Moberly				26		
St. Joseph	78,500			172	2.19	
Springfield	51,700			84	1.62	
Webster Groves				17		
Montana:						
Billings				38		
Butte	43,600	248	5.69	148	3.39	2
Great Falls				35		
Helena				27		
Missoula		42		29		1
Nebraska:						
Grand Island				56		
Lincoln	71,100			88	1.24	
North Platte				20		
New Hampshire:						
Claremont				14		
Concord				46		
Dover				6		
Keene		22		7		3
Laconia		35		10		3
Manchester	85,700			76	.89	
Nashua				41		
New Jersey:						
Asbury Park				17		
Bayonne	95,000			109	1.15	
Belleville		79		30		3
Bloomfield		76		12		6
Bridgeton		21		10		2
Clifton		52		37		1
Dover		28		12		2
East Orange	65,000	205	3.15	44	.68	5
Englewood		42				
Garfield		50		25		2
Gloucester		9				
Hackensack		64		48		1
Harrison		37				
Hoboken				116		
Irvington		73		32		2
Kearny		122		30		4
Lodi		21		7		3
Long Branch		40		13		3
Millville		20		10		2
Montclair		110		33		3
Morristown		55		13		4
Nutley		34		20		1
Orange	36,500	145	3.97	54	1.48	3
Passaic	71,800			107	1.49	
Perth Amboy	50,100			65	1.30	
Plainfield		130		40		3
Rahway				13		
Ridgefield Park		16		9		2
Rutherford		29		10		2
Summit		23		19		
Weehawken		41				
West New York		15		14		1
West Orange		65		22		3
New Mexico:						
Albuquerque		37		23		2

PNEUMONIA (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
New York:						
Amsterdam	36,200			41	1.13	
Auburn	[1] 35,700	72	2.02	32	.90	2
Batavia		40		11		4
Beacon		24		18		1
Binghamton	74,800	264	3.53	58	.78	5
Cohoes		42		26		2
Corning		21		6		3
Cortland		61		23		3
Dunkirk		76		26		3
Elmira	50,000	207	4.14	67	1.34	3
Endicott		53		22		2
Freeport		41		21		2
Geneva		48		20		2
Gloversville		79		41		2
Hornell		37		21		2
Ithaca		69		21		3
Jamestown	46,000	136	2.96	48	1.04	3
Johnstown		28		11		3
Kingston		74		57		1
Little Falls		31		18		2
Lockport		63		13		5
Middletown		39		9		4
Mount Vernon	54,700	135	2.47	66	1.21	2
New Rochelle	48,800			63	1.29	
Newburgh	30,400	63	2.07	45	1.48	1
Niagara Falls	68,300	249	3.65	103	1.51	2
North Tonawanda		43		22		2
Olean		72		28		3
Oneida		23		9		3
Ossining		47		13		4
Peekskill		51		13		4
Poughkeepsie	39,100	122	3.12	70	1.79	2
Rensselaer		10		2		5
Rome		91		28		3
Saratoga Springs		54		19		3
Schenectady	93,300	143	1.53	76	.81	2
Troy	72,300	122	1.69	96	1.33	1
Watertown	33,700	117	3.47	51	1.51	2
Watervliet		28		7		4
White Plains		151		28		5
North Carolina:						
Asheville				117		
Gastonia				35		
Greensboro	51,900			51	.98	
High Point				5		
New Bern				38		
Raleigh				58		
Rocky Mount				29		
Salisbury				24		
Wilmington	39,100			[6] 77	[6] 1.97	
Wilson				31		
Winston-Salem	80,000			122	1.52	
North Dakota:						
Fargo				25		
Ohio:						
Ashland		3		2		1
Barberton		56		44		1
Bellefontaine		10		8		1
Bucyrus		9		5		1
Cambridge				21		
Campbell				31		
Chillicothe				34		
Cleveland Heights		46		32		1
Conneaut				13		
Coshocton		21		16		1
Cuyahoga Falls		33		24		1
East Cleveland		69		31		1
East Liverpool				31		
Elyria		7				
Findlay		41		34		1
Fostoria		12		10		1
Hamilton	44,200	86	1.95	74	1.67	1
Ironton				28		
Kenmore		56		29		2
Lakewood	65,000			64	.98	
Lancaster				50		

[1] Population, State census, 1925.

[6] Includes 10 nonresidents.

PNEUMONIA (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Ohio—Continued.						
Lima	49,700			56	1.13	
Lorain	44,900			35	.78	
Mansfield		77		26		3
Marietta				20		
Marion				39		
Martins Ferry				49		
Massillon				23		
Middletown				61		
New Philadelphia				15		
Niles		23		12		2
Norwood		50		27		2
Piqua		34		33		1
Portsmouth	41,200	74	1.80	72	1.75	1
Salem				21		
Sandusky		30		18		2
Springfield	73,000			71	.97	
Steubenville				89		
Tiffin				3		
Warren				44		
Zanesville				41		
Oklahoma:						
Shawnee				36		
Oregon:						
Astoria				10		
Salem		25		19		1
Pennsylvania:						
Aliquippa		55		40		1
Allentown	99,400	128	1.29	99	1.00	1
Altoona	69,000			113	1.64	
Beaver Falls		40				
Braddock		120		77		2
Bradford				25		
Butler				30		
Canonsburg		12				
Carlisle		9				
Chester	74,200			123	1.66	
Clairton		24		22		1
Coatesville				10		
Connellsville				10		
Donora				5		
Du Bois		12		1		12
Easton	38,400	94	2.45	36	.94	3
Ellwood City		3				
Farrell		11				
Greensburg		34				
Harrisburg	86,900			112	1.29	
Homestead				103		
Jeannette		22				
Kingston		9				
Lancaster	58,300	43	.74	32	.55	1
Lansford		10		1		10
Latrobe		3		1		3
Lewistown		15		11		1
McKees Rocks		19				
McKeesport	50,400	152	3.02	140	2.78	1
Mahanoy City		41				
Meadville				21		
Monessen				35		
Nanticoke				59		
New Castle	52,500	46	.88			
Norristown	36,200			56	1.55	
North Braddock		67		27		2
Oil City		65		15		4
Phoenixville				20		
Plymouth		26				
Sharon				26		
Shenandoah				56		
Steelton				22		
Swissvale		34		31		1
Uniontown				34		
Vandergrift				15		
Warren				9		
Williamsburg		9		4		2
Williamsport	44,000	42	.95			
York	49,900			52	1.04	

PNEUMONIA (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Rhode Island:						
Central Falls				38		
Cranston	37,500			31	0.83	
Newport	[1] 27,700			26	.94	
Pawtucket	73,100			117	1.60	
South Carolina:						
Anderson				44		
Charleston	75,900			133	1.75	
Columbia	50,600			188	3.72	
Greenville				44		
Sumter				35		
South Dakota:						
Sioux Falls				41		
Texas:						
Amarillo	39,200			48	1.22	
Austin	[7] 45,000			77	1.71	
Beaumont	56,300			85	1.51	
Galveston	50,600			61	1.21	
Orange				14		
San Angelo				14		
Tyler				8		
Waco	46,600			64	1.37	
Utah:						
Ogden	39,100			75	1.92	
Vermont:						
Bennington		16				
Burlington				28		
Rutland		8				
Virginia:						
Alexandria		40		37		1
Charlottesville				14		
Danville				15		
Lynchburg	38,600			49	1.27	
Newport News	53,300			36	.68	
Petersburg	37,800			54	1.43	
Portsmouth	61,600			67	1.09	
Roanoke	64,600			67	1.04	
Suffolk		72		49		1
Washington:						
Aberdeen		31		14		2
Bremerton				9		
Everett				21		
Walla Walla				16		
Yakima		25		15		2
West Virginia:						
Charleston	55,200			95	1.72	
Wheeling				90		
Wisconsin:						
Appleton				28		
Beloit		24		14		2
Eau Claire		67		19		4
Green Bay	36,100			44	1.22	
Kenosha	56,500	47	0.83	41	.73	1
La Crosse	30,400			69	2.27	
Madison	50,500			94	1.86	
Manitowoc				22		
Marinette				13		
Oshkosh	33,200			43	1.30	
Racine	74,400	57	.77	30	.40	1
Sheboygan	35,100			31	.88	
Superior				70		
Waukesha				16		
Wausau				34		
West Allis				31		
Wyoming:						
Cheyenne		130		51		3

[1] Population, State census, 1925. [7] Population, special census.

POLIOMYELITIS (INFANTILE PARALYSIS)

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		2	0	2		0		
Mobile	69,600	7	1	1	0.01	1	0.01	1
Montgomery	63,100	4	0	1	.02	1	.02	1
Arkansas:								
Fort Smith		5	1	1				
Little Rock	79,200	7	0	1	.01	0		
California:								
Alhambra		1	3	2		0		
Bakersfield		7	1	1		1		1
Berkeley	71,000	7	3	17	.24	2	.03	8
Eureka		6	0	2		0		
Pasadena	62,100	7	4	2	.03	1	.02	2
Riverside		7	0	1		1		1
Sacramento	75,700	4	2	4	.05	0		
San Bernardino				2		0		
San Jose	45,500	6	3	1	.02	0		
Santa Ana		7	0	2		0		
Santa Cruz		4	0	1		0		
Santa Monica		2	0			2		
Vallejo				3		1		3
Colorado:								
Pueblo	44,200	6	0	5	.11	0		
Trinidad		6	2	4		0		
Connecticut:								
Bristol		6	1	2		0		
Danbury		2	0	1		1		1
Manchester		5	1	1		0		
Meriden	37,100	6	1	1	.03	0		
New Britain	72,800	7	1	12	.16	1	.01	12
Stamford	43,800	4	0	1	.02	0		
Stratford		6	1	6				
West Hartford		2	1	3		0		
Georgia:								
Athens		5	0	4		0		
Savannah	99,900	7	1	1	.01	0		
Illinois:								
Decatur	57,100	5	1	2	.04	0		
Elgin	36,000	7	3	1	.03	1	.03	1
Evanston	47,600	7	4	2	.04	0		
Galesburg		6	1	2		1		2
Moline	35,600	7	0	1	.03	0		
Ottawa		5	0	1		0		
Rock Island	42,700	7	2	1	.02	0		
Springfield	67,200	7	3	3	.04	1	.01	3
Waukegan		6	1	2		0		
Indiana:								
Anderson		5	0	1		0		
East Chicago	50,800	5	0	1	.02	0		
Elkhart				4		1		4
Michigan City		7	0	1		0		
Mishawaka		6	1	1		1		1
Muncie	46,800	7	1	1	.02	0		
Terre Haute	73,500	7	0	1	.01	0		
Iowa:								
Burlington		7	1	1		0		
Cedar Rapids	58,200	7	1	1	.02	1	.02	1
Davenport	[1] 52,500	6	2	1	.02	0		
Mason City		6	1	1		0		
Sioux City	80,000	4	3	1	.01	0		
Kansas:								
Lawrence		7	0	1		0		
Topeka	62,800	5	8	1	.02	1	.02	1
Wichita	99,300	6	3	2	.02	1	.01	2
Kentucky:								
Covington	59,000	6	0	1	.02	0		
Lexington	48,700	4	3	1	.02	0		
Maine:								
Biddeford		6	0	1		0		
Portland	78,600	7	1	3	.04	1	.01	3
Sanford		6	1	2		1		2
Maryland:								
Cumberland		6	1	6		2		3

[1] Population, State census, 1925.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts:								
Adams		7	1	1		0		
Arlington		7	1	4		0		
Athol		3	0	11		0		
Belmont		6	1	3		0		
Beverly		7	0	2		1		2
Brockton	[1] 65,300	7	1	5	0.08	2	0.03	2
Brookline	45,700	7	3	1	.02	0		
Chelsea	49,800	5	1	2	.04	0		
Chicopee	45,400	7	0	3	.07	0		
Dedham		6	0	3		0		
Everett	43,300	7	5	1	.02	1	.02	1
Framingham		7	0	1		0		
Haverhill	[1] 49,200	7	6	1	.02	0		
Lawrence	[1] 93,500	7	8	4	.04	1	.01	4
Leominster		7	2	4		0		
Malden	53,400	7	2	3	.06	1	.02	3
Medford	52,900	7	5	3	.06	0		
Melrose		7	2	3		1		3
Milton		3	0	1		0		
Natick		6	1	1		0		
Newburyport		6	0	1				
Newton	57,300	7	6	23	.40	1	.02	23
North Adams		7	3	1		0		
Northampton		7	1	[2] 3		0		
Norwood		4	3	1		1		1
Peabody		7	1	2		0		
Pittsfield	50,000	7	4	17	.34	8	.16	2
Quincy	67,600	7	3	1	.01	1	.01	1
Salem	43,000	7	1	7	.16	1	.02	7
Southbridge		7	0	1		0		
Taunton	40,600	6	1	2	.05	1	.02	2
Wakefield		6	1	4		0		
Watertown		7	2	74		7		11
Westfield		7	1	2		1		2
Weymouth		1	12	2		0		
Winchester		7	1	1				
Michigan:								
Ann Arbor		7	3	6		0		
Benton Harbor		7	0	1				
Highland Park	86,400	7	2	3	.03	3	.03	1
Jackson	63,700	5	0	2	.03	0		
Lansing	79,600	7	2	1	.01	1	.01	1
Muskegon	46,600	7	0	1	.02	0		
Owosso				1		0		
Saginaw	75,600	5	0	1	.01	0		
Minnesota:								
Austin		6	1	1		0		
St. Cloud		5	0	2		0		
Missouri:								
Springfield	51,700	5	0	2	.04	0		
Montana:								
Billings		3	0	3		3		1
Missoula		5	1	3		0		
Nebraska:								
Grand Island		7	0	1		0		
Lincoln	71,100	7	1	4	.06	0		
North Platte		5	0	2		0		
New Hampshire:								
Claremont		4	2	1		0		
Concord		7	0	1		1		1
Dover		7	1	1		0		
Keene		7	0	1		1		1
Nashua		7	0	1		0		
New Jersey:								
Bayonne	95,000	6	4	1	.01	1	.01	1
Belleville		6	1	1		1		1
Hackensack		7	0	1		0		
Irvington		6	1	3		2		1
Long Branch		7	1	1		0		
Montclair		7	2	3		0		3
Ridgefield Park		4	1	2		1		

[1] Population, State census, 1925.

[2] Includes 1 nonresident.

POLIOMEYLITIS (INFANTILE PARALYSIS)—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
New Jersey—Continued.								
Rutherford		4	1	1		0		
Summit		7	0	1		0		
West New York		7	1	1		0		
New Mexico:								
Albuquerque		4	4	2		0		
New York:								
Beacon		2	0	1		0		
Binghamton	74,800	7	3	7	0.09	0		
Dunkirk		6	1	1		0		
Elmira	50,000	5	1	2	.04	0		
Endicott		4	2	1		1		1
Freeport		3	1	3		2		1
Hornell		7	1	2		0		
Ithaca		7	4	1		0		
Jamestown	46,000	7	4	3	.07	0		
Kingston		6	1	[3] 3		2		1
Lockport		7	0	1		1		1
Middletown		6	4	4		1		4
Mount Vernon	54,700	7	0	6	.11	3	0.05	2
New Rochelle	48,800	7	3	5	.10	0		
Newburgh	30,400	7	1	2	.07	0		
Niagara Falls	68,300	7	0	2	.03	2	.03	1
North Tonawanda		7	1	2		0		
Olean		7	2	3		0		
Ossining		3	0	1		0		
Poughkeepsie	39,100	7	3	16	.41	3	.08	5
Rome		7	2	2		0		
Saratoga Springs		7	1	2		1		2
Schenectady	93,300	7	3	2	.02	1	.01	2
Troy	72,300	7	1	1	.01	1	.01	1
Watertown	33,700	7	4	2	.06	0		
White Plains		7	4	1		0		
North Carolina:								
Asheville		7	1	2		0		
Salisbury		2	0	2		0		
Wilson		3	0	1		0		
Winston-Salem	80,000	6	2	1	.01	0		
North Dakota:								
Fargo		3	0	13		1		13
Ohio:								
Ashland				1		0		
Barberton		6	0	1		0		
Campbell				1		0		
Chillicothe		7	0	3		0		
Cleveland Heights		6	1	6		2		3
East Cleveland		7	1	4		0		
East Liverpool		4	0	1		1		1
Findlay		7	0	1		0		
Hamilton	44,200	7	1	1	.02	0		
Ironton				1		0		
Lakewood	65,000	5	0	1	.02	0		
Lorain	44,900	7	1			3	.07	
Mansfield		7	0	2		1		2
Marion		4	0	1		1		1
Martins Ferry		4	1	2		0		
Middletown		7	0	1		0		
New Philadelphia		4	0	1		0		
Portsmouth	41,200			1	.02	0		
Springfield	73,000	7	2	1	.01	0		
Steubenville		7	2	2		1		2
Oregon:								
Astoria		5	0	1		0		
Salem		2	3	2		0		
Pennsylvania:								
Allentown	99,400	4	2	2	.02	0		
Butler		7	1	2		0		
Canonsburg		5	0	1				
Connellsville		7	0	1		0		
Donora		5	0	1		0		
Harrisburg	86,900	6	1	1	.01	0		
Lancaster	58,300	6	0	1	.02	1	.02	1

[3] Includes 2 nonresidents.

POLIOMYELITIS (INFANTILE PARALYSIS)—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania—Continued.								
Warren		6	1	1		0		
Williamsport	44,000	3	0	3	0.07			
York	49,900	6	0	4	.08	1	0.02	
Rhode Island:								
Cranston	37,500	7	2			1	.03	
Newport	[1] 27,700	6	1	1	.04	0		
Pawtucket	73,100	5	1	1	.01	0		
South Carolina:								
Charleston	75,900	3	3	1	.01	0		
South Dakota:								
Aberdeen		7	0	1		1		1
Texas:								
Amarillo	39,200	5	0			1	.03	
Galveston	50,600	7	0	1	.02	1	.02	1
Waco	46,600	7	0	1	.02	0		
Utah:								
Ogden	39,100	7	0	2	.05	1	.03	2
Vermont:								
Barre		7	0	3				
Burlington		4	2	1		0		
Virginia:								
Alexandria		7	0	2		1		2
Lynchburg	38,600	5	1	3	.08	0		
Petersburg	37,800	7	2	1	.03	0		
Portsmouth	61,600	7	1	1	.02	1	.02	1
Roanoke	64,600	6	1			1	.02	
Washington:								
Bremerton		3	0	1		0		
Everett		5	2			2		
Walla Walla		4	0	1		0		
Yakima		7	0	2		0		
West Virginia:								
Charleston	55,200	6	1	6	.11	1	.02	6
Clarksburg		7	0	2		0		
Fairmont		7	0	6				
Parkersburg		3	0	1				
Wheeling		6	1	6		0		
Wisconsin:								
Appleton		5	0	2		0		
Green Bay	36,100	6	0	1	.03	0		
Madison	50,500	7	2	4	.08	0		
Wyoming:								
Cheyenne		3	0	4		2		2

[1] Population, State census, 1925.

RABIES IN ANIMALS

City	Cases reported, 1928	City	Cases reported, 1928
Alabama:		Georgia—Continued.	
Mobile	45	Macon	25
Arkansas:		Savannah	7
Fort Smith	1	Waycross	3
Little Rock	17	Illinois:	
California:		Aurora	16
Alhambra	15	Berwyn	12
Pasadena	14	Cicero	7
Riverside	6	Decatur	1
Colorado:		Elgin	1
Colorado Springs	8	Evanston	36
Connecticut:		Oak Park	38
Greenwich	8	Ottawa	1
Norwich	2	Indiana:	
West Hartford	3	Newcastle	12
Georgia:		Iowa:	
Columbus	2	Burlington	1
Lagrange	7	Mason City	1

RABIES IN ANIMALS—Continued

City	Cases reported, 1928
Kansas:	
Coffeyville	4
Fort Scott	3
Topeka	2
Maryland:	
Frederick	3
Massachusetts:	
Arlington	5
Belmont	6
Brookline	25
Clinton	1
Greenfield	2
Melrose	8
Natick	1
Northbridge	12
Palmer	1
Peabody	13
Quincy	17
Salem	3
Wakefield	5
Webster	2
Weymouth	5
Winthrop	2
Michigan:	
Battle Creek	1
Hamtramck	4
Highland Park	23
Marquette	1
Pontiac	28
Port Huron	1
Mississippi:	
Greenville	2
Jackson	3
Missouri:	
Carthage	25
Independence	6
Moberly	4
Webster Groves	3
Nebraska:	
Grand Island	2
North Platte	10
New Hampshire:	
Manchester	1
New Jersey:	
Bayonne	18
Belleville	1
Bloomfield	2
New Jersey—Continued.	
Bridgeton	1
Irvington	1
Kearny	5
Long Branch	1
Montclair	2
Passaic	1
Plainfield	4
West New York	2
West Orange	2
New Mexico:	
Albuquerque	3
New York:	
Beacon	4
Mount Vernon	3
Newburgh	10
Ossining	6
White Plains	4
North Carolina:	
High Point	10
New Bern	2
Wilmington	28
Ohio:	
Barberton	3
Cambridge	5
Cleveland Heights	2
East Cleveland	1
East Liverpool	8
Lorain	2
Mansfield	8
Massillon	3
Norwood	6
Sandusky	3
Rhode Island:	
Bristol	2
South Carolina:	
Charleston	12
Texas:	
Amarillo	2
Beaumont	17
Galveston	5
West Virginia:	
Wheeling	2
Wisconsin:	
Oshkosh	5
Racine	3

RABIES IN MAN

City	Deaths registered, 1928
Alabama:	
Selma	1
California:	
Pasadena	1
Georgia:	
Columbus	1
Illinois:	
Aurora	1
Evanston	1
Joliet	1
Indiana:	
Gary	1
Terre Haute	1
Kentucky:	
Lexington	1
Massachusetts:	
Newton	1
New Jersey:	
West New York	2
New York:	
Mount Vernon	1
Ohio:	
East Liverpool	1
Findlay	1
Zanesville	1
Pennsylvania:	
Greensburg	1
South Carolina:	
Greenville	[1] 1

[1] Nonresident.

ROCKY MOUNTAIN SPOTTED (OR TICK) FEVER

City	Cases reported, 1928	Deaths registered, 1928	City	Cases reported, 1928	Deaths registered, 1928
Colorado:			Montana:		
Colorado Springs	1	0	Helena	1	0
Idaho:			Missoula	3	3
Pocatello	7	0			

SCARLET FEVER

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		3	9	10		0		
Florence		4	20	19		0		
Gadsden		2	12	13		0		
Mobile	69,600	7	25	65	0.93	2	0.03	32
Montgomery	63,100	4	28	45	.71	0		
Selma		1	0	9		0		
Arizona:								
Douglas		2	8	10		0		
Tucson		5	41	12		0		
Arkansas:								
Fort Smith		5	21	29				
Helena		1	13	5		0		
Little Rock	79,200	7	72	305	3.85	0		
Pine Bluff				19		0		
California:								
Alhambra		4	43	27		0		
Bakersfield		7	25	23		0		
Berkeley	71,000	7	161	190	2.68	0		
Chico		4	21	7		0		
Eureka		7	10	29		1		29
Pasadena	62,100	7	110	35	.56	0		
Pomona		6	67	6		0		
Richmond		7	35	9				
Riverside		7	41	139		2		69
Sacramento	75,700	7	72	414	5.47	3	.04	138
San Bernardino		6	63	22		0		
San Jose	45,500	7	146	147	3.23	1	.02	147
Santa Ana		7	48	8		0		
Santa Barbara		5	36	7		0		
Santa Cruz		3	7	8		1		8
Stockton	51,000	5	108	236	4.63	0		
Vallejo		5	14	15		0		
Colorado:								
Boulder		7	14	162		0		
Colorado Springs		7	104	133		2		66
Pueblo	44,200	7	83	140	3.17	0		
Trinidad		7	31	24		1		24
Connecticut:								
Bristol		6	71	35		0		
Danbury		2	23	56		1		56
Fairfield		7	53	11		0		
Greenwich		7	65	88		1		88
Manchester		6	56	54		0		
Meriden	37,100	4	45	49	1.32	0		
New Britain	72,800	7	103	105	1.44	0		
New London		6	50	150		2		75
Norwich		7	41	100				
Stamford	43,800	2	57	65	1.48	0		
Stratford		6	52	15				
West Hartford		2	45	81		0		
Georgia:								
Athens		5	12	28		0		
Brunswick		7	2	5		0		
Columbus	46,600			26	.56	0		
Lagrange		3	22	14		0		
Macon	61,200	7	21	58	.95	0		
Savannah	99,900	7	28	47	.47	2	.02	23
Waycross		2	30	15		0		

SCARLET FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Idaho:								
Boise		7	44	12		0		
Pocatello		6	19	38		0		
Illinois:								
Aurora	47,100	6	78	71	1.51	2	0.04	35
Berwyn		6	59	41		0		
Bloomington		7	54	260		1		260
Blue Island		7	32	13		0		
Champaign		7	25	19				
Chicago Heights		6	45	26		1		26
Cicero	71,600	7	96	126	1.76	1	.01	126
Collinsville		1	48	3		0		
Decatur	57,100	5	135	118	2.07	1	.02	118
East Moline		4	10	3		0		
East St. Louis	74,000	7	114	53	.72	0		
Elgin	36,000	7	48	81	2.25	0		
Evanston	47,600	7	126	174	3.66	5	.11	34
Galesburg		7	45	52		0		
Granite City		2	6	11		0		
Jacksonville		7	41	53		0		
Joliet	41,900	4	52	20	.48	0		
Kewanee		5	22	25		0		
Maywood		7	44	64				
Moline	35,600	7	33	35	.98	0		
Oak Park	57,700	7	141	170	2.95	0		
Ottawa		5	42	61		1		
Pekin		7	29	77		0		
Quincy	39,800	7	47	24	.60	0		
Rock Island	42,700	7	28	33	.77	0		
Rockford	82,800	7	170	458	5.53	1	.01	458
Springfield	67,200	7	86	475	7.07	3	.04	158
Streator		5	50	11		0		
Urbana		5	21	16		0		
Waukegan		5	61	52		0		
West Frankfort		1	4	112				
Indiana:								
Connersville		4	31	65		1		65
Crawfordsville		7	38	10		0		
East Chicago	50,800	7	38	46	.91	0		
Elkhart		3	59	70				
Elwood		7	7	6		0		
Evansville	98,100	1	89	73	.74	0		
Gary	89,100	6	137	90	1.01	0		
Hammond	56,000	5	76	34	.61	0		
Kokomo	40,400	7	21	28	.69	0		
La Fayette		7	45	216		0		
La Porte		6	25	56		0		
Logansport		7	22	15				
Michigan City		7	54	196		7		28
Mishawaka		6	87	42		0		
Muncie	46,800	7	60	116	2.48	0		
New Albany		6	18	24		0		
Newcastle		6	14	73		0		
Peru		3	19	13		0		
Richmond		6	36	30		0		
South Bend	86,100	6	236	47	.55	1	.01	47
Terre Haute	73,500	7	155	45	.61	0		
Vincennes		2	14	24		0		
Wabash		3	0	6		0		
Whiting		7	8	4		0		
Iowa:								
Boone		4	28	7		0		
Burlington		7	37	92		0		
Cedar Rapids	58,200	7	61	135	2.32	0		
Davenport	[1] 52,500	6	87	112	2.13	2	.04	56
Fort Dodge		4	29	14				
Keokuk		1	91	14				
Mason City		6	60	28		0		
Sioux City	80,000	4	109	55	.69	0		
Waterloo	37,100	6	76	464	12.51	2	.05	232

[1] Population, State census, 1925.

SCARLET FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Kansas:								
Arkansas City		3	17	34		0		
Atchison		3	45	97				
Coffeyville		7	18	23		1		23
Eldorado		6	32	58		0		
Emporia		5	38	40		0		
Fort Scott		7	18	3		0		
Lawrence		7	30	34		0		
Leavenworth		7	20	22		0		
Pittsburg		6	24	32				
Topeka	62,800	7	122	200	3.18	2	0.03	100
Wichita	99,300	5	110	167	1.68	0		
Kentucky:								
Covington	59,000	6	101	169	2.86	0		
Lexington	48,700	5	44	190	3.90	0		
Newport		4	27	35		0		
Paducah		6	34	30				
Louisiana:								
Alexandria		2	9	6		0		
Baton Rouge		6	16	19		0		
Lake Charles		5	9	3		0		
Shreveport	81,300	6	35	89	1.09	1	.01	89
Maine:								
Auburn		6	65	42		0		
Bath		7	13	9		0		
Biddeford		7	11	13		1		13
Lewiston	36,600	7	93	21	.57	0		
Portland	78,600	7	131	186	2.37	1	.01	186
Sanford		6	19	24		1		24
Waterville		7	17	4		0		
Westbrook		2	36	37		0		
Maryland:								
Cumberland		6	49	44		0		
Frederick		2	118	7		0		
Massachusetts:								
Adams		6	31	38		1		38
Amesbury		5	28	6		0		
Arlington		7	79	119		1		119
Athol		3	21	14		0		
Attleboro		7	53	117		1		117
Belmont		6	35	52		0		
Beverly		7	54	93		0		
Braintree		6	45	130		0		
Brockton	[1] 65,300	6	164	432	6.62	1	.02	432
Brookline	45,700	7	99	87	1.90	1	.02	87
Chelsea	49,800	7	120	76	1.53	1	.02	76
Chicopee	45,400	7	52	52	1.15	0		
Clinton		7	27	28		1		28
Danvers		7	31	35				
Dedham		6	49	18		0		
Easthampton		7	19	35		0		
Everett	43,300	7	168	95	2.19	0		
Framingham		7	56	181		0		
Gardner		7	32	19		0		
Greenfield		6	72	27		0		
Haverhill	[1] 49,200	7	135	169	3.43	1	.02	169
Holyoke	60,400	5	52			2	.03	
Lawrence	[1] 93,500	7	135	101	1.08	1	.01	101
Leominster		7	32	12		1		12
Malden	53,400	7	187	165	3.09	1	.02	165
Medford	52,900	7	161	157	2.97	0		
Melrose		7	57	112		1		112
Methuen		7	89	35		0		
Milford		7	19	39		1		39
Milton		3	34	51				
Natick		6	54	63		1		63
Newburyport		7	41	55				
Newton	57,300	7	153	106	1.85	1	.02	106
North Adams		7	19	34		1		34
Northampton		7	69	[2] 17		0		
Northbridge		7	12	1		0		
Norwood		5	24	13		0		

[1] Population, State census, 1925.

[2] Includes 5 nonresidents.

SCARLET FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.								
Palmer		4	8	11		0		
Peabody		7	58	40		0		
Pittsfield	50,000	7	172	24	0.48	0		
Plymouth		6	26	41		0		
Quincy	67,600	7	161	241	3.57	3	0.04	80
Salem	43,000	7	130	146	3.40	3	.07	49
Saugus		7	37	54		0		
Southbridge		7	13	23		0		
Taunton	40,600	6	77	51	1.26	1	.02	51
Wakefield		7	51	16		0		
Watertown		7	119	71		1		71
Webster		6	35	21				
West Springfield		4	46	66		0		
Westfield		7	18	28		0		
Weymouth		1	84	78		0		
Winchester		7	43	32				
Winthrop		7	39	151		0		
Woburn		6	51	111		0		
Michigan:								
Adrian		5	21	23		1		23
Ann Arbor		7	59	44		2		22
Battle Creek	47,200	6	132	118	2.50	0		
Benton Harbor		7	59	38				
Cadillac		2	23	61		1		61
Hamtramck	99,800	7	36	27	.27	0		
Highland Park	86,400	7	186	168	1.94	4	.05	42
Ironwood		7	78	24		0		
Ishpeming		7	12	7		0		
Jackson	63,700	7	164	84	1.32	1	.02	84
Kalamazoo	56,400	7	201	75	1.33	0		
Lansing	79,600	7	233	553	6.95	7	.09	79
Marquette		6	25	27		0		
Muskegon	46,600	6	127	70	1.50	0		
Owosso				12		0		
Pontiac	61,500	7	255	402	6.54	0		
Port Huron		5	65	21		1		21
River Rouge		4	25	22		0		
Saginaw	75,600	5	156	146	1.93	3	.04	49
Sault Ste. Marie		7	30	83		2		41
Minnesota:								
Albert Lea		2	14	58				
Austin		6	30	55		1		55
Brainerd		3	16	20		0		
Faribault		6	56	32		0		
Hibbing		6	101	16		0		
St. Cloud		5	68	42		0		
Virginia		4	135	5		0		
Winona		5	43	34		0		
Mississippi:								
Greenville				9		0		
Jackson		5	23	29		0		
Meridian		3	23	7				
Missouri:								
Cape Girardeau		2	43	42		0		
Carthage		2	18	10		1		10
Hannibal		3	46	73		0		
Independence		4	62	45		0		
Joplin		6	32	45				
Moberly		6	39	48		0		
St. Joseph	78,500	7	127	116	1.48	4	.05	29
Springfield	51,700	6	81	97	1.88	1	.02	97
Webster Groves		1	24	69		0		
Montana:								
Anaconda		5	18	53		1		53
Billings		2	45	13		1		13
Butte	43,600	5	17	11	.25	0		
Great Falls		6	117	55		2		27
Helena		6	64	57		0		
Missoula		5	43	17		0		
Nebraska:								
Grand Island		6	19	18		0		
Lincoln	71,100	7	76	141	1.98	1	.01	141
North Platte		5	16	292		5		58

SCARLET FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
New Hampshire:								
Berlin		6	19	100		2		50
Claremont		4	20	52		2		26
Dover		7	18	89		2		44
Keene		7	23	15		0		
Manchester	85,700	7	116	174	2.03	1	0.01	174
Nashua		7	43	69		0		
New Jersey:								
Asbury Park		7	19	8		0		
Bayonne	95,000	6	123	71	.75	0		
Belleville		7	41	51		0		
Bloomfield		7	72	136		0		
Bridgeton		6	32	13		0		
Clifton		6	109	34		0		
Dover		4	15	45		0		
East Orange	65,000	7	164	240	3.69	1	.02	240
Englewood		6	47	37				
Garfield		6	49	31		0		
Gloucester		3	4	2				
Hackensack		7	51	33		0		
Harrison		7	40	29				
Hoboken		6	75	33		0		
Irvington		6	113	124		0		
Kearny		6	112	158		1		158
Lodi		3	7	13		0		
Long Branch		7	18	13		0		
Millville		2	38	13		0		
Montclair		5	60	124		0		
Morristown		7	32	47		0		
New Brunswick	40,800	7	46	47	1.15	0		
Nutley		2	69	39		0		
Orange	36,500	7	58	241	6.60	0		
Passaic	71,800	7	171	39	.54	0		
Perth Amboy	50,100	7	49	16	.32	0		
Phillipsburg		5	25	20		0		
Plainfield		7	85	81		1		81
Rahway		7	41	24		0		
Ridgefield Park		4	36	16		0		
Rutherford		4	48	23		1		23
Summit		7	19	21		0		
Weehawken				15				
West New York		7	64	84		0		
West Orange		7	51	151		3		50
New Mexico:								
Albuquerque		3	62	49		2		24
New York:								
Amsterdam	36,200	6	81	64	1.77	1	.03	64
Auburn	[1] 35,700	5	25	84	2.35	0		
Batavia		2	30	8		0		
Binghamton	74,800	7	233	95	1.27	0		
Cohoes		7	27	35		0		
Cortland		6	17	2		0		
Dunkirk		6	56	20		1		20
Elmira	50,000	5	53	49	.98	0		
Endicott		4	55	5		0		
Freeport		3	31	85		0		
Geneva		6	20	20		0		
Gloversville		7	25	26		0		
Hornell		7	12	7		0		
Ithaca		7	38	34		3		11
Jamestown	46,000	7	134	198	4.30	1	.02	198
Johnstown		5	27	62		1		62
Kingston		6	61	43		0		
Little Falls		7	11	2		0		
Lockport		7	58	15		0		
Middletown		6	30	16		0		
Mount Vernon	54,700	6	106	118	2.16	4.	.07	29
New Rochelle	48,800	7	79	52	1.07	0		
Newburgh	30,400	7	41	36	1.18	0		
Niagara Falls	68,300	7	145	420	6.15	3	.04	140
North Tonawanda		7	90	32		0		

[1] Population, State census, 1925.

SCARLET FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
New York—Continued.								
Olean		7	52	22		0		
Oneida				15		0		
Ossining		3	65	47		1		47
Peekskill		6	52	22		0		
Poughkeepsie	39,100	7	26	45	1.15	0		
Rensselaer		5	13	120		0		
Rome		7	104	65		0		
Saratoga Springs		7	43	35		0		
Schenectady	93,300	7	204	148	1.59	0		
Troy	72,300	7	50	106	1.47	1	0.01	106
Watertown	33,700	7	71	96	2.85	0		
Watervliet		6	17	18		0		
White Plains		7	42	70		0		
North Carolina:								
Asheville		7	42	95		0		
Concord				77				
Gastonia		1	6	38		1		38
Greensboro	51,900	5	56	102	1.97	0		
High Point		2	59	10		0		
Raleigh		7	53	40		0		
Rocky Mount		6	21	9		0		
Salisbury		3	21	154		0		
Wilmington	39,100	7	38	17	.43	0		
Wilson		3	30	9		0		
Winston-Salem	80,000	6	143	105	1.31	2	.02	52
North Dakota:								
Fargo		5	107	122		1		122
Ohio:								
Ashland		2	60	14		0		
Ashtabula		7	47	37		1		37
Barberton		6	38	50		1		50
Bellefontaine		2	43	15		0		
Bucyrus		7	27	16		0		
Cambridge		6	26	5		0		
Campbell		6	36	4		0		
Chillicothe		7	30	35		0		
Cleveland Heights		6	106	65		0		
Conneaut		4	42	9		0		
Coshocton		5	20	2		0		
Cuyahoga Falls		7	19	107		0		
East Cleveland		7	70	49		0		
East Liverpool		6	63	26		0		
Elyria		7	33	15		0		
Findlay		7	30	39		0		
Fostoria		2	20	26		0		
Hamilton	44,200	7	57	107	2.42	0		
Ironton		3	14	80		0		
Kenmore		7	51	40		0		
Lakewood	65,000	5	93	79	1.22	0		
Lima	49,700	7	75	139	2.80	2	.04	69
Lorain	44,900	7	145	61	1.36	0		
Mansfield		5	30	25		1		25
Marietta		4	10	22		0		
Marion		5	34	16		0		
Martins Ferry		7	27	2		0		
Massillon		1	50	36		1		36
Middletown		7	36	285		4		71
New Philadelphia		5	25	6		0		
Niles		6	44	46		3		15
Norwood		7	40	92		1		92
Piqua		7	20	4		0		
Portsmouth	41,200			56	1.36	4	.10	14
Salem		7	39	74		1		74
Sandusky		7	71	8		0		
Springfield	73,000	7	188	58	.79	0		
Steubenville		7	50	32		0		
Tiffin		3	27	7		1		7
Warren		4	74	83		1		83
Zanesville		7	83	59		0		
Oklahoma:								
Shawnee				107		4		27
Oregon:								
Astoria		6	5	16		0		
Salem		2	21	29		0		

SCARLET FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania:								
Aliquippa		7	23	70		0		
Allentown	99,400	5	197	429	4.32	9	0.09	48
Altoona	69,100	7	85	224	3.24	0		
Beaver Falls		7	23	8				
Braddock		7	28	14		0		
Bradford		6	16	39		0		
Butler		7	55	18		0		
Canonsburg		5	46	11				
Carlisle		7	29	2				
Chambersburg		7	55	22		0		
Charleroi		6	18	16				
Chester	74,200	5	127	34	.46	1	.01	34
Clairton		5	64	18		0		
Coatesville		7	11	7		0		
Connellsville		7	50	8		0		
Donora		6	16	7		1		7
Du Bois		4	41	95		0		
Duquesne		5	31	57		1		57
Easton	38,400	6	56	27	.70	0		
Ellwood City		2	18	36				
Farrell		7	54	3				
Greensburg		4	52	40				
Harrisburg	86,900	7	193	223	2.57	0		
Homestead		7	27	24		1		24
Jeannette		7	25	9		0		
Kingston		5	23	34				
Lancaster	58,300	7	178	24	.41	1	.02	24
Lansford		3	1	39		0		
Latrobe		2	16	34		0		
Lewistown		4	55	14		0		
McKeesport	50,400	7	61	87	1.73	0		
Mahanoy City		2	5	8				
Meadville		2	40	90		1		90
Monessen		7	18	19		0		
Nanticoke		5	14	14		0		
New Castle	52,500	7	83	69	1.31			
Norristown	36,200	7	33	37	1.02	1	.03	37
North Braddock		7	42	16		0		
Oil City		7	75	26		0		
Phoenixville		5	7	47		2		23
Pittston		6	8	9				
Plymouth		6	7	56				
Sharon		7	50	32		0		
Shenandoah		4	38	8		0		
Steelton		6	35	24		0		
Swissvale		7	61	28		0		
Uniontown		6	74	23		0		
Warren		5	48	51		1		51
Williamsburg				49		1		49
Williamsport	44,000	3	52	34	.77			
York	49,900	6	102	104	2.08	0		
Rhode Island:								
Bristol		1	1	2		0		
Central Falls		5	18	25		2		12
Cranston	37,500	7	52	102	2.72	2	.05	51
Newport	[1] 27,700	7	33	56	2.02	0		
Pawtucket	73,100	5	49	122	1.67	0		
South Carolina:								
Charleston	75,900	4	29	26	.34	0		
Columbia	50,600	6	32	39	.77	1	.02	39
Florence		2	7	8		0		
Greenville		7	19	20		0		
Sumter		4	5	3		0		
South Dakota:								
Aberdeen		6	92	24		0		
Sioux Falls		7	105	131		0		
Texas:								
Amarillo	39,200	6	58	250	6.38	3	.08	83
Austin	[3] 45,000	4	22	34	.76	0		
Beaumont	56,300	5	19	44	.78	1	.02	44
Corpus Christi		3	0	6				
Galveston	50,600	7	14	30	.59	0		

[1] Population, State census, 1925.

[3] Population, special census.

SCARLET FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Texas—Continued.								
Orange		3	7	14		0		
Tyler		7	6	10		0		
Waco	46,600	7	21	68	1.46	0		
Wichita Falls		2	26	88				
Utah:								
Ogden	39,100	7	29	96	2.46	1	0.03	96
Vermont:								
Barre		7	34	20				
Bennington		4	14	10				
Burlington		4	55	28		0		
Rutland		3	13	9				
Virginia:								
Alexandria		7	15	60		0		
Charlottesville		6	23	42		0		
Danville		7	30	24		0		
Lynchburg	38,600	6	47	37	.96	0		
Newport News	53,300	7	32	19	.36	1	.02	19
Petersburg	37,800	7	20	11	.29	0		
Portsmouth	61,600	7	43	39	.63	0		
Roanoke	64,600	6	96	170	2.63	1	.02	170
Suffolk		2	4	9		0		
Washington:								
Aberdeen		7	10	45		0		
Bremerton		3	19	30		0		
Everett		5	7	7		0		
Walla Walla		5	6	5		1		5
Yakima		7	31	154		0		
West Virginia:								
Charleston	55,200	7	60	84	1.52	1	.02	84
Clarksburg		7	51	60		0		
Fairmont		7	36	11				
Huntington	68,600	5	96	93	1.36	1	.01	93
Parkersburg		3	32	102				
Wheeling		7	159	43		0		
Wisconsin:								
Appleton		4	39	19		1		19
Beloit		6	100	88		1		88
Eau Claire		7	96	556		1		556
Green Bay	36,100	7	55	34	.94	1	.03	34
Kenosha	56,500	7	82	96	1.70	0		
La Crosse	30,400	7	87	189	6.22	[4] 2	[4] .07	94
Madison	50,500	7	175	82	1.62	3	.06	27
Manitowoc		5	15	52		0		
Marinette		6	31	37		0		
Oshkosh	33,200	7	43	96	2.89	1	.03	96
Racine	74,400	7	285	192	2.58	1	.01	192
Sheboygan	35,100	6	85	24	.68	0		
Superior		6	184	192		1		192
Waukesha		4	51	17		0		
Wausau		7	72	37		0		
West Allis		7	40	35		0		
Wyoming:								
Cheyenne		2	28	106		1		106

[4] Includes 1 nonresident.

SEPTIC SORE THROAT

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Florence		1		1		1
Arkansas:						
Fort Smith		30				
Little Rock	79,200	2	0.03	0		
Pine Bluff				2		

SEPTIC SORE THROAT—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported fo each death registered
California:						
Sacramento	75,700	3	0.04	2	0.03	1
Santa Monica				1		
Stockton	51,000	2	.04	1	.02	2
Colorado:						
Boulder		6		0		
Colorado Springs		1		0		
Pueblo	44,200			3	.07	
Connecticut:						
Bristol		4		0		
Danbury		4		0		
Greenwich		2		0		
Manchester		1		1		1
Meriden	37,100	1	.03	0		
New Britain	72,800	5	.07	1	.01	5
Stratford		7				
Georgia:						
Macon	61,200	1	.02	1	.02	1
Savannah	99,900	8	.08	4	.04	2
Waycross		2		0		
Illinois:						
Bloomington				2		
Cicero	71,600	19	.27	0		
Granite City		3		3		1
Joliet	41,900			1	.02	
Kewanee		1		0		
Oak Park	57,700			2	.03	
Springfield	67,200	1	.01	1	.01	1
Indiana:						
Peru				2		
Terre Haute	73,500			3	.04	
Iowa:						
Cedar Rapids	58,200			1	.02	
Davenport	[1] 52,500			4	.08	
Kansas:						
Lawrence				1		
Kentucky:						
Covington	59,000			3	.05	
Maine:						
Lewiston	36,600	1	.03	0		
Portland	78,600			4	.05	
Maryland:						
Cumberland		1		0		
Massachusetts:						
Adams		1		1		1
Amesbury		5		0		
Belmont		1		0		
Beverly		4		1		4
Braintree		1		0		
Chelsea	49,800	2	.04	0		
Dedham		1		0		
Everett	43,300	2	.05	0		
Framingham		1		0		
Gardner		1		0		
Greenfield		2		0		
Haverhill	[1] 49,200	1	.02	0		
Holyoke	60,400	1	.02	0		
Malden	53,400	3	.06	1	.02	3
Melrose		9		0		
Newburyport		1				
North Adams		3		0		
Northampton		1		1		1
Pittsfield	50,000	18	.36	7	.14	3
Plymouth		3		0		
Quincy	67,600	4	.06	0		
Wakefield		2		0		
Watertown		1		0		
Webster		4				
Weymouth		1		0		
Winthrop		7		0		
Woburn		1		0		
Michigan:						
Adrian		2		2		1
Ann Arbor		5		0		
Hamtramck	99,800	5	.05	0		
Jackson	63,700			2	.03	
Port Huron		225		3		75
Sault Ste. Marie		2		0		

[1] Population, State census, 1925.

SEPTIC SORE THROAT—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Minnesota:						
Brainerd		24		0		
St. Cloud				1		
Mississippi:						
Greenville		1		1		1
Jackson		1		1		1
Missouri:						
Hannibal		1		0		
Springfield	51,700			4	0.08	
Montana:						
Billings				1		
Butte	43,600			1	.02	
Helena		1		1		1
New Hampshire:						
Dover				2		
New Jersey:						
Belleville		1		0		
Nutley		1		0		
Orange	36,500	1	0.03	0		
Rahway		1		0		
New York:						
Amsterdam	36,200	2	.06	0		
Auburn	[1] 35,700	1	.03	0		
Batavia		1		1		1
Binghamton	74,800	4	.05	0		
Dunkirk		3		0		
Elmira	50,000	2	.04	1	.02	2
Ithaca		3		0		
Mount Vernon	54,700	1	.02	1	.02	1
Olean		1		0		
Ossining		1		0		
Saratoga Springs		5		0		
Schenectady	93,300			6	.06	
Watertown	33,700	7	.21	0		
Watervliet		1		0		
White Plains		2		1		2
North Carolina:						
Concord		4				
Gastonia		1		0		
Greensboro	51,900	1	.02	1	.02	1
High Point		12		0		
Winston-Salem	80,000			1	.01	
North Dakota:						
Fargo				3		
Ohio:						
East Cleveland		1		0		
Findlay		1		0		
Fostoria		1		0		
Kenmore		1		0		
Norwood		4		0		
Warren				1		
Oregon:						
Salem		1		0		
Pennsylvania:						
Meadville				2		
Shenandoah				3		
Rhode Island:						
Cranston	37,500	2	.05	1	.03	2
South Carolina:						
Anderson				1		
Charleston	75,900			4	.05	
Texas:						
Amarillo	39,200			1	.03	
Waco	46,600			1	.02	
Vermont:						
Burlington				1		
Virginia:						
Suffolk		1		0		
Washington:						
Aberdeen		2		1		2
Bremerton				2		
Wisconsin:						
La Crosse	30,400			1	.03	
Oshkosh	33,200	1	.03	0		

[1] Population, State census, 1925.

SMALLPOX

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		3	8	6		0		
Mobile	69,600	7	12	6	0.09	0		
Montgomery	63,100			1	.02	0		
Selma		1	0	1		0		
Arizona:								
Douglas		2	2	14		0		
Tucson		5	41	2		2		1
Arkansas:								
Fort Smith		5	2	2				
Helena		1	2	3		0		
Little Rock	79,200	7	5	10	.13	0		
Pine Bluff				4		0		
California:								
Berkeley	71,000	7	13	78	1.10	0		
Chico		4	2	1		0		
Eureka		7	2	1		0		
Sacramento	75,700	7	88	35	.46	1	0.01	35
San Bernardino		5	6	1		0		
San Jose	45,500	7	12	2	.04	0		
Santa Ana		7	9	7		0		
Santa Cruz		4	6	4		0		
Stockton	51,000	5	8	4	.08	0		
Colorado:								
Colorado Springs		7	8	23		0		
Pueblo	44,200	7	2	29	.66	0		
Connecticut								
Bristol		6	0	10		0		
New Britain	72,800	6	0	1	.01	0		
Georgia:								
Brunswick		7	5	1		0		
Columbus	46,600			3	.06	0		
Macon	61,200	7	34	1	.02	0		
Savannah	99,900	7	27	72	.72	0		
Idaho:								
Boise		7	48	1		0		
Pocatello		6	26	12		0		
Illinois:								
Aurora	47,100	5	4	29	.62	0		
Bloomington		7	3	6		0		
Champaign		7	4	1				
Chicago Heights		6	1	39		0		
Decatur	57,100	5	7	8	.14	0		
East St. Louis	74,000	7	5	17	.23	0		
Granite City		2	4	3		1		3
Jacksonville		7	0	2		0		
Joliet	41,900	5	2	3	.07	0		
Maywood		7	1	1				
Moline	35,600	7	5	3	.08	0		
Oak Park	57,700	7	0	2	.03	0		
Ottawa		5	0	33		0		
Pekin		7	0	92		0		
Quincy	39,800	7	4	10	.25	0		
Rock Island	42,700	7	6	8	.19	0		
Rockford	82,800	6	7	7	.08	0		
Springfield	67,200	7	3	75	1.12	0		
Streator		5	0	34		0		
West Frankfort		1	0	1				
Indiana:								
Connersville		4	18	4		0		
Crawfordsville		7	1	87		0		
East Chicago	50,800	7	3	3	.06	0		
Elkhart		5	19	5		0		
Elwood		7	15	108		0		
Evansville	98,100	2	7	459	4.68	0		
Gary	89,100	6	79	9	.10	0		
Hammond	56,000	5	16	70	1.25	0		
Kokomo	40,400	7	20	17	.42	0		
La Fayette		7	6	101		0		
La Porte		5	2	74		0		
Michigan City		7	4	30		0		
Mishawaka		7	14	33		0		
Muncie	46,800	4	16	281	6.00	2	.04	140
Newcastle		5	2	4		0		

SMALLPOX—Continued.

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Indiana—Continued.								
Peru		3	37	102		0		
Richmond		7	10	12		0		
South Bend	86,100	6	40	11	0.13	0		
Terre Haute	73,500	7	63	112	1.52	0		
Vincennes		1	3	8		0		
Wabash		3	19	8		0		
Whiting		7	0	3		0		
Iowa:								
Boone		3	9	64		0		
Burlington		7	7	74		0		
Cedar Rapids	58,200	6	18	1	.02	0		
Davenport	[1] 52,500	4	31	46	.88	0		
Fort Dodge		4	1	236				
Keokuk		1	0	2				
Sioux City	80,000	3	11	12	.15	0		
Waterloo	37,100	4	14	27	.73	0		
Kansas:								
Arkansas City		3	7	127		0		
Atchison		3	7	2				
Coffeyville		7	4	4		0		
Eldorado		5	2	7		0		
Emporia		5	8	10		0		
Lawrence		7	5	9		0		
Leavenworth		7	1	16		0		
Pittsburg		4	3	18				
Topeka	62,800	7	13	85	1.35	0		
Wichita	99,300	4	26	399	4.02	0		
Kentucky:								
Covington	59,000	5	6	26	.44	0		
Lexington	48,700	5	0	24	.49	0		
Newport		4	3	6		0		
Paducah		7	2	3				
Louisiana:								
Alexandria		2	10	119		0		
Shreveport	81,300	4	44	24	.30	0		
Maine:								
Bath		7	0	15		0		
Lewiston	36,600	7	3	1	.03	0		
Portland	78,600	7	0	1	.01	0		
Massachusetts:								
Gardner		7	0	4		0		
Greenfield		6	0	1		0		
Leominster		7	0	1		0		
Pittsfield	50,000	7	0	1	.02	0		
Plymouth		5	0	1		0		
Quincy	67,600	7	0	1	.01	0		
Weymouth		1	0	1		0		
Michigan:								
Ann Arbor		7	9	7		0		
Cadillac		3	0	3		0		
Hamtramck	99,800	7	4	17	.17	0		
Highland Park	86,400	7	12	1	.01	0		
Ironwood		7	0	1		0		
Ishpeming		7	0	2		0		
Kalamazoo	56,400	7	17	14	.25	0		
Lansing	79,600	7	13	3	.04	0		
Marquette		5	1	1		0		
Pontiac	61,500	7	8	42	.68	0		
Port Huron		7	4	66		0		
Saginaw	75,600	7	11	81	1.07	0		
Minnesota:								
Hibbing		5	2	1		0		
St. Cloud		5	6	2		0		
Virginia		4	12	1		0		
Mississippi:								
Jackson		5	3	5		0		
Meridian		1	4	3				
Missouri:								
Cape Girardeau				1		0		
Hannibal		3	5	163		1		163
Independence		4	34	38		0		
Joplin		6	4	2				

[1] Population, State census, 1925.

SMALLPOX—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Missouri—Continued.								
St. Joseph	78,500	6	6	208	2.65	0		
Springfield	51,700	4	5	67	1.30	0		
Montana:								
Anaconda		6	3	18		0		
Billings		3	12	19		0		
Butte	43,600	5	14	241	5.53	0		
Great Falls		4	49	81		0		
Helena		6	32	17		0		
Missoula		5	5	5		0		
Nebraska:								
Grand Island		6	1	2		0		
Lincoln	71,100	7	17	122	1.72	0		
North Platte		5	3	51		0		
New Hampshire:								
Claremont		4	0	1		0		
Laconia		2	0	1		0		
New Jersey:								
Phillipsburg		5	0	1		0		
New Mexico:								
Albuquerque		4	1	1		0		
New York:								
Auburn	[1] 35,700	5	0	1	.03	0		
Cortland		6	0	14		0		
Ithaca		7	0	15		0		
Jamestown	46,000	7	1	1	.02	0		
Oneida				2		0		
Watertown	33,700	7	4	1	.03	0		
North Carolina:								
Asheville		7	10	19		0		
Concord				9				
Gastonia		1	13	65		0		
Greensboro	51,900	6	54	22	.42	0		
New Bern		5	0	43		0		
Raleigh		7	21	61		0		
Rocky Mount		6	10	71		0		
Salisbury		3	6	6		0		
Wilmington	39,100	7	6	13	.33	0		
Wilson		3	32	67		0		
Winston-Salem	80,000	6	178	6	.07	0		
Ohio:								
Ashtabula		6	1	1		0		
Barberton		6	4	7		0		
Bellefontaine		2	3	1		0		
Cambridge		4	0	1		0		
Campbell		4	3	1		0		
Chillicothe		7	19	2		0		
Findlay		7	3	80		1		80
Hamilton	44,200	5	9	15	.34			
Ironton		3	0	1		0		
Kenmore		7	1	9		0		
Lakewood	65,000	5	0	1	.02	0		
Lima	49,700	5	3	8	.16	0		
Mansfield		6	4	4		0		
Marietta		4	1	1		0		
Marion		5	3	1		0		
Middletown		7	23	72		0		
New Philadelphia		5	6	1		0		
Norwood		7	3	6		0		
Piqua		7	2	1		0		
Portsmouth	41,200			6	.15	0		
Salem		7	0	1		0		
Springfield	73,000	7	13	10	.14	0		
Steubenville		7	2	3		0		
Tiffin		3	0	1		0		
Zanesville		7	5	12		0		
Oklahoma:								
Shawnee				15		1		15
Oregon:								
Astoria		6	9	6		0		
Salem		2	26	4		0		
Pennsylvania:								
Uniontown		6	0	2		0		

[1] Population, State census, 1925.

SMALLPOX—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
South Carolina:								
Charleston	75,900	4	11	33	0.43	0		
Columbia	50,600	6	23	4	.08	0		
Florence		2	3	3				
Texas:								
Amarillo	39,200	6	8	9	.23	0		
Austin	[2] 45,000	3	2	9	.20	0		
Beaumont	56,300	5	9	5	.09	0		
Corpus Christi		3	0	3				
Orange		3	0	1		0		
Tyler		7	46	3		0		
Waco	46,600	6	13	35	.75	0		
Wichita Falls		2	6	131				
Utah:								
Ogden	39,100	6	50	158	4.04	0		
Vermont:								
Burlington		3	0	11		0		
Virginia:								
Charlottesville		6	1	1		0		
Lynchburg	38,600	6	4	1	.03	0		
Portsmouth	61,600	7	1	5	.08	0		
Washington:								
Aberdeen		7	43	69		0		
Bremerton		3	2	1		0		
Everett		5	67	42		0		
Walla Walla		5	5	30		0		
Yakima		7	19	145		0		
West Virginia:								
Charleston	55,200	7	20	4	.07	0		
Clarksburg		7	2	27		0		
Fairmont		7	0	12				
Huntington	68,600	5	6	12	.17	0		
Parkersburg		3	2	102				
Wheeling		7	0	1		0		
Wisconsin:								
Appleton		5	2	11		0		
Green Bay	36,100	6	3	17	.47	0		
Kenosha	56,500	7	16	19	.34	0		
Madison	50,500	7	3	2	.04	0		
Manitowoc		5	2	63		0		
Marinette		5	0	24		0		
Oshkosh	33,200	7	29	5	.15	0		
Sheboygan	35,100	6	1	4	.11	0		
Wausau		7	3	11		0		
Wyoming:								
Cheyenne		3	1	4		0		

[2] Population, special census.

TUBERCULOSIS (ALL FORMS)

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Bessemer				28		
Florence		12		9		1
Mobile	69,600			55	0.79	
Montgomery	63,100			51	.81	
Selma		64		47		1
Arizona:						
Douglas				22		
Tucson				354		
Arkansas:						
Fort Smith		50				
Helena				17		
Little Rock	79,200			111	1.40	

TUBERCULOSIS (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
California:						
Alhambra		35		4		9
Bakersfield				23		
Berkeley	71,000	69	0.97	18	0.25	4
Chico				4		
Eureka		30		27		1
Pasadena	62,100	81	1.30	43	.69	2
Pomona		22		8		3
Richmond		2				
Riverside				50		
Sacramento	75,700	153	2.02	117	1.55	1
San Bernardino				90		
San Jose	45,500			26	.57	
Santa Ana				10		
Santa Barbara		34		33		1
Santa Cruz				7		
Santa Monica				13		
Stockton	51,000	119	2.33	43	.84	3
Colorado:						
Boulder		103		27		4
Colorado Springs				150		
Pueblo	44,200			31	.70	
Trinidad				12		
Connecticut:						
Bristol		57		6		9
Danbury				14		
Fairfield		16				
Greenwich		16				
Manchester		14				
Meriden	37,100	42	1.13	31	.84	1
New Britain	72,800	73	1.00	31	.43	2
New London		34		17		2
Norwich		29				
Stamford	43,800			30	.68	
West Hartford				5		
Georgia:						
Athens				26		
Brunswick		37		15		2
Columbus	46,600			54	1.16	
Lagrange				31		
Macon	61,200	116	1.90	70	1.14	2
Savannah	99,900	235	2.35	119	1.19	2
Waycross		7		6		1
Idaho:						
Boise				18		
Pocatello		13				
Illinois:						
Aurora	47,100	137	2.91	12	.25	11
Berwyn		12		6		2
Bloomington		60		12		5
Blue Island		9		8		1
Centralia				13		
Champaign		23				
Chicago Heights				5		
Cicero	71,600	70	.98	25	.35	2
Decatur	57,100	130	2.28	31	.54	4
East Moline		15		4		4
East St. Louis	74,000	74	1.00	42	.57	2
Elgin	36,000	61	1.69	18	.50	3
Evanston	47,600	34	.71	15	.32	2
Galesburg		7		5		1
Jacksonville		53		36		1
Joliet	41,900	55	1.31	27	.64	2
Kewanee				8		
Maywood		18				
Moline	35,600	42	1.18			
Oak Park	57,700			14	.24	
Ottawa				32		
Pekin				4		
Quincy	39,800	62	1.56	9	.23	7
Rock Island	42,700	37	.87	13	.30	3
Rockford	82,800			25	.30	
Springfield	67,200	57	.85	39	.58	1
Streator				17		
Urbana				7		
Indiana:						
Connersville				16		
Crawfordsville				5		
East Chicago	50,800			56	1.10	

TUBERCULOSIS (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Indiana—Continued.						
Elkhart		15		13		1
Elwood				11		
Evansville	98,100			66	0.67	
Gary	89,100	87	0.98	65	.73	1
Kokomo	40,400			13	.32	
La Porte				7		
Michigan City				20		
Mishawaka		30		7		4
New Albany				18		
Newcastle				7		
Peru				4		
Richmond				15		
Terre Haute	73,500			45	.61	
Vincennes				21		
Wabash				5		
Whiting				8		
Iowa:						
Boone				3		
Burlington		36		15		2
Cedar Rapids	58,200			16	.27	
Davenport	[1] 52,500			43	.82	
Sioux City	80,000	37	.46	23	.29	2
Kansas:						
Arkansas City				3		
Atchison		9				
Coffeyville				10		
Eldorado				6		
Emporia		8		4		2
Fort Scott		13		3		4
Lawrence		9		4		2
Leavenworth		17		8		2
Pittsburg		10				
Topeka	62,800	92	1.46	23	.37	4
Wichita	99,300	105	1.06	52	.52	2
Kentucky:						
Covington	59,000			62	1.05	
Lexington	48,700			54	1.11	
Newport				25		
Louisiana:						
Alexandria				27		
Baton Rouge				16		
Shreveport	81,300			68	.84	
Maine:						
Auburn		17		8		2
Portland	78,600			34	.43	
Sanford		4				
Waterville		7		6		1
Westbrook				6		
Maryland:						
Cumberland		82		18		5
Massachusetts:						
Amesbury		8		3		3
Arlington		49		11		4
Athol				4		
Attleboro		82				
Belmont		21		11		2
Beverly		21				
Braintree				46		
Brockton	[1] 65,300	83	1.27	25	.38	3
Brookline	45,700	46	1.01	18	.39	3
Chelsea	49,800	76	1.53	37	.74	2
Chicopee	45,400	52	1.15	30	.66	2
Clinton		7		5		1
Danvers				14		
Dedham		10		3		3
Easthampton				8		
Everett	43,300	63	1.45			
Framingham		31		15		2
Gardner		38		7		5
Gloucester				10		
Greenfield				5		
Haverhill	[1] 49,200	60	1.22	26	.53	2
Holyoke	60,400			54	.89	
Lawrence	[1] 93,500	72	.77	35	.37	2
Leominster		29		6		5
Malden	53,400	83	1.55	15	.28	9
Medford	52,900	28	.53	16	.30	2

[1] Population, State census, 1925.

TUBERCULOSIS (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.						
Melrose		30		9		3
Methuen		22		14		2
Milford				13		
Natick		30				
Newburyport		16				
Newton	57,300	61	1.06	32	0.56	2
North Adams		30		3		10
Northampton		[2] 67		[3] 10		6
Northbridge				10		
Norwood				10		
Palmer		11		3		4
Peabody		25		6		4
Pittsfield	50,000	32	.64	19	.38	2
Plymouth		19		11		2
Quincy	67,600	179	2.65	24	.36	7
Salem	43,000	44	1.02	25	.58	2
Saugus		9		5		1
Taunton	40,600	75	1.85			
Wakefield		16		7		2
Watertown		35				
Webster		11				
West Springfield		16				
Westfield		18		4		4
Weymouth		23				
Winchester		14				
Winthrop		6				
Woburn		14				
Michigan:						
Ann Arbor		86				
Benton Harbor		9				
Cadillac		4		4		1
Hamtramck	99,800	62	.62	26	.26	2
Highland Park	86,400	66	.76			
Holland				6		
Ironwood		19		7		3
Jackson	63,700	31	.49	29	.46	1
Kalamazoo	56,400	88	1.56	32	.57	3
Lansing	79,600	47	.59	24	.30	2
Marquette		36				
Muskegon	46,600			19	.41	
Owosso		18		13		1
Pontiac	61,500	130	2.11	12	.20	11
Port Huron		33		14		2
River Rouge		11				
Saginaw	75,600	69	.91	26	.34	3
Sault Ste. Marie		19		10		1
Minnesota:						
Albert Lea		2		2		1
Austin				6		
Brainerd				3		
Faribault				21		
St. Cloud				9		
Virginia		24				
Winona				12		
Mississippi:						
Greenville		43		10		4
Jackson		124		31		4
Missouri:						
Cape Girardeau				13		
Carthage				15		
Hannibal		8		0		
Independence				13		
Joplin		3				
Moberly				11		
Springfield	51,700			57	1.10	
Webster Groves				7		
Montana:						
Anaconda				1		
Billings				7		
Butte	43,600	92	2.11	76	1.74	1
Great Falls		33		11		3
Helena				3		
Nebraska:						
Grand Island		4		2		2
New Hampshire:						
Berlin		23		1		23
Claremont		21		9		2

[2] Includes 43 nonresidents.

[3] Includes 7 nonresidents.

TUBERCULOSIS (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
New Hampshire—Continued.						
Concord				32		
Dover		10				
Laconia		10		3		3
Manchester	85,700			45	0.53	
Nashua				32		
New Jersey:						
Asbury Park		23		11		2
Bayonne	95,000	128	1.35	36	.38	4
Belleville		36				
Bloomfield		21		3		7
Bridgeton		7		1		7
Clifton		34		12		3
East Orange	65,000	59	.91			
Garfield		44				
Gloucester		12				
Hackensack		35		4		9
Irvington		51		22		2
Kearny		42		12		3
Lodi		34		9		4
Long Branch				12		
Millville		8		6		1
Morristown		16				
New Brunswick	40,800	65	1.59	21	.51	3
Orange	36,500	49	1.34	22	.60	2
Passaic	71,800	55	.77	23	.32	2
Perth Amboy	50,100	60	1.20	19	.38	3
Plainfield		35		10		3
Rahway		12		2		6
Ridgefield Park		6		3		2
Rutherford				4		
Summit		5		3		2
Weehawken		23				
West Orange		24				
New Mexico:						
Albuquerque				242		
New York:						
Amsterdam	36,200	52	1.44	18	.50	3
Auburn	[1] 35,700	30	.84	17	.48	2
Batavia		33				
Beacon				8		
Binghamton	74,800	89	1.19	17	.23	5
Cohoes		43		18		2
Cortland		11		5		2
Dunkirk		18		6		3
Elmira	50,000	65	1.30	19	.38	3
Endicott		16				
Freeport		51		6		8
Geneva		25		17		1
Gloversville		16		5		3
Hornell		15				
Ithaca		26		6		4
Jamestown	46,000	46	1.00	11	.24	4
Kingston				34		
Little Falls		17		6		3
Middletown		24		13		2
Mount Vernon	54,700	47	.86	15	.27	3
New Rochelle	48,800	73	1.50	16	.33	5
Niagara Falls	68,300	102	1.49	26	.38	4
North Tonawanda		13				
Ossining		44		5		8
Poughkeepsie	39,100	63	1.61	12	.31	5
Rome				34		
Saratoga Springs		32		12		3
Schenectady	93,300	105	1.13	34	.36	3
Troy	72,300	171	2.37	50	.69	3
Watertown	33,700	42	1.25	16	.47	3
Watervliet		28		9		3
White Plains		47		20		2
North Carolina:						
Asheville		[4] 312		[4] 112		3
Concord		30				
Gastonia				11		
Greensboro	51,900			43	.83	
New Bern				18		
Raleigh				45		
Rocky Mount				14		

[1] Population, State census, 1925.

[4] Includes nonresidents.

TUBERCULOSIS (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
North Carolina—Continued.						
Salisbury				17		
Wilmington	39,100			[8] 17	0.43	
Winston-Salem	80,000	220	2.75			
North Dakota:						
Fargo		30		13		2
Ohio:						
Ashtabula		15		12		1
Barberton		57		12		5
Bellefontaine		9		6		1
Bucyrus		13		2		6
Campbell		11		7		2
Chillicothe		8		5		1
Cleveland Heights				7		
Cuyahoga Falls		32		7		5
East Cleveland				7		
Findlay		19		7		3
Fostoria		14		8		2
Hamilton	44,200	74	1.67	45	1.02	2
Kenmore		47				
Lakewood	65,000	43	.66	11	.17	4
Lancaster		11				
Lima	49,700			23	.46	
Lorain	44,900	62	1.38	25	.56	2
Mansfield		27		17		2
Marietta				14		
Martins Ferry				14		
Massillon		23		12		2
Middletown		41		23		2
New Philadelphia		11		4		3
Niles		12		4		3
Norwood		18		13		1
Piqua				8		
Salem				5		
Sandusky		58		17		3
Springfield	73,000	114	1.56	33	.45	3
Steubenville		45		22		2
Tiffin		9		4		2
Warren		65		18		4
Zanesville		64		26		2
Oregon:						
Astoria				9		
Salem				7		
Pennsylvania:						
Aliquippa		47		2		23
Allentown	99,400	108	1.09	86	.87	1
Altoona	69,100	49	.71	19	.27	3
Beaver Falls		4				
Braddock		22				
Bradford				10		
Butler				11		
Canonsburg		3				
Carlisle		1				
Chester	74,200	65	.88	53	.71	1
Clairton		10		6		2
Coatesville				8		
Connellsville				2		
Du Bois		1				
Duquesne		30		9		3
Easton	38,400	43	1.12	18	.47	2
Farrell		7				
Harrisburg	86,900			40	.46	
Homestead		23				
Jeannette				5		
Kingston		14				
Lancaster	58,300	64	1.10	42	.72	2
Lewistown				5		
McKeesport	50,400	77	1.53	26	.52	3
Mahanoy City		24				
Meadville				16		
Monessen				5		
Nanticoke				10		
New Castle	52,500	11	.21			
Norristown	36,200			17	.47	
North Braddock		22		6		4
Oil City		13				
Phoenixville		5		2		2
Plymouth		23				
Sharon		15		11		1
Shenandoah		15		6		2

[8] Includes 1 nonresident.

TUBERCULOSIS (ALL FORMS)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania—Continued.						
Steelton				12		
Uniontown				12		
Vandergrift				15		
Warren		73		4		18
Williamsport	44,000	14	0.32			
York	49,900	32	.64			
Rhode Island:						
Bristol		15				
Central Falls				13		
Cranston	37,500	28	.75	6	0.16	5
Newport	[1] 27,700			14	.51	
Pawtucket	73,100			22	.30	
South Carolina:						
Anderson				14		
Charleston	75,900	130	1.71	76	1.00	2
Columbia	50,600	65	1.28	22	.43	3
Sumter				9		
South Dakota:						
Sioux Falls				15		
Texas:						
Amarillo	39,200			27	.69	
Beaumont	56,300			35	.62	
Galveston	50,600			40	.79	
San Angelo				31		
Tyler				8		
Waco	46,600			37	.79	
Utah:						
Ogden	39,100			4	.10	
Vermont:						
Barre				19		
Bennington		4		4		1
Burlington				15		
Virginia:						
Alexandria				15		
Danville		51		11		5
Lynchburg	38,600			32	.83	
Newport News	53,300			24	.45	
Portsmouth	61,600			37	.60	
Roanoke	64,600			42	.65	
Washington:						
Aberdeen		39		16		2
Bremerton				6		
Everett				17		
Walla Walla		5		5		1
Yakima		32		4		8
West Virginia:						
Charleston	55,200			43	.78	
Clarksburg				17		
Parkersburg		4				
Wheeling		136		36		4
Wisconsin:						
Appleton		8		8		1
Beloit		11		7		2
Eau Claire		19		7		3
Kenosha	56,500	30	.53	7	.12	4
La Crosse	30,400			[6] 20	[6] .66	
Madison	50,500	125	2.48	32	.63	4
Manitowoc		17		9		2
Marinette		15		8		2
Racine	74,400	121	1.63	45	.60	3
Sheboygan	35,100	26	.74	8	.23	3
Superior				26		
Waukesha		7		6		1
Wausau				10		
Wyoming:						
Cheyenne		20		6		3

[1] Population, State census, 1925.

[6] Includes 6 nonresidents.

TUBERCULOSIS (RESPIRATORY SYSTEM)

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:						
Bessemer		28		26		1
Florence				1		
Gadsden				18		
Mobile	69,600			48	0.69	
Montgomery	63,100	62	0.98	47	.74	1
Selma		63				
Arkansas:						
Fort Smith		22				
Little Rock	79,200			99	1.25	
California:						
Bakersfield		21		20		1
Berkeley	71,000	67	.94	16	.23	4
Eureka		3		3		1
Pasadena	62,100			36	.58	
Riverside		44		39		1
Sacramento	75,700	152	2.01	97	1.28	2
San Bernardino				79		
San Jose	45,500	43	.95	19	.42	2
Santa Ana				8		
Santa Monica				10		
Stockton	51,000			38	.75	
Vallejo				10		
Colorado:						
Colorado Springs				142		
Pueblo	44,200			27	.61	
Connecticut:						
Danbury		12		11		1
Fairfield		15		12		1
Greenwich		15		10		1
Manchester		13		10		1
Meriden	37,100	39	1.05	29	.78	1
New Britain	72,800	66	.91	29	.40	2
New London		33		14		2
Stamford	43,800	35	.80	27	.62	1
Stratford		27				
West Hartford		6				
Windham Town		1		1		1
Georgia:						
Athens				24		
Lagrange				29		
Savannah	99,900	211	2.11	112	1.12	2
Idaho:						
Pocatello		11		3		4
Illinois:						
Aurora	47,100			10	.21	
Blue Island		7		6		1
Collinsville		8		4		2
Evanston	47,600	22	.46	12	.25	2
Granite City		7		3		2
Joliet	41,900			20	.48	
Moline	35,600			17	.48	
Oak Park	57,700	43	.75	12	.21	4
Ottawa				21		
Pekin		3				
Rockford	82,800	248	3.00	21	.25	12
Springfield	67,200	50	.74	28	.42	2
Urbana		13				
Waukegan		46				
Indiana:						
Anderson				21		
Connersville		1		0		
East Chicago	50,800			43	.85	
Elwood				8		
Hammond	56,000	57	1.02	15	.27	4
Kokomo	40,400			11	.27	
La Fayette				20		
La Porte				4		
Logansport		1		0		
Michigan City				2		
Muncie	46,800			17	.36	
Newcastle				6		
Iowa:						
Cedar Rapids	58,200			12	.21	
Davenport	[1] 52,500			40	.76	
Keokuk		6				
Mason City				6		

[1] Population, State census, 1925.

TUBERCULOSIS (RESPIRATORY SYSTEM)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Kansas:						
Arkansas City		11				
Atchison		7				
Coffeyville				9		
Eldorado		3		3		1
Fort Scott		12		2		6
Lawrence		6				
Leavenworth		16				
Newton				7		
Topeka	62,800	77	1.23	17	0.27	5
Kentucky:						
Covington	59,000			60	1.02	
Paducah		4				
Louisiana:						
Alexandria				26		
Baton Rouge				14		
Lake Charles				16		
Shreveport	81,300	81	1.00	65	.80	1
Maine:						
Biddeford		24		10		2
Lewiston	36,600	20	.55	6	.16	3
Portland	78,600	68	.87	28	.36	2
Sanford				4		
Waterville		4		4		1
Maryland:						
Cumberland				16		
Frederick		40		5		8
Massachusetts:						
Adams		12		7		2
Arlington		45		10		4
Athol		11		3		4
Attleboro		74		24		3
Belmont		18		10		1
Beverly		16		3		5
Brockton	[1] 65,300	63	.96	22	.34	3
Brookline	45,700	39	.85	17	.37	2
Chelsea	49,800	57	1.14	29	.58	2
Chicopee	45,400	42	.93	27	.59	2
Danvers		9				
Dedham		7				
Easthampton				7		
Everett	43,300	49	1.13	8	.18	6
Framingham		25		13		2
Greenfield				3		
Haverhill	[1] 49,200	56	1.14	23	.47	2
Holyoke	60,400	42	.70	40	.66	1
Lawrence	[1] 93,500	54	.58	24	.26	2
Leominster		24		4		6
Melrose		20		5		4
Methuen		17		13		1
Milford		7		7		1
Milton		13		8		1
Natick		9		5		1
Newburyport		11				
Newton	57,300	51	.89	26	.45	
North Adams		25		2		[1] 2
Northampton		[2] 62		[3] 7		9
Northbridge				8		
Norwood		6				
Peabody		22		5		4
Pittsfield	50,000	22	.44	14	.28	2
Quincy	67,600	73	1.08	20	.30	4
Salem	43,000	35	.81	16	.37	2
Southbridge		11		2		5
Taunton	40,600	61	1.50	34	.84	2
Wakefield		15		6		2
Watertown		33		11		3
Webster		7				
West Springfield				11		
Weymouth		20		4		5
Winchester		9		1		9
Winthrop		4		3		1
Woburn		13		6		2
Michigan:						
Adrian				9		
Ann Arbor		70		4		17
Benton Harbor		1				
Cadillac		3		3		1

[1] Population, State census, 1925. [2] Includes 41 nonresidents. [3] Includes 6 nonresidents.

TUBERCULOSIS (RESPIRATORY SYSTEM)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Michigan—Continued.						
Highland Park	86,400	64	0.74	10	0.12	6
Ironwood		18		6		3
Ishpeming		19		2		9
Jackson	63,700	30	.47	19	.30	2
Kalamazoo	56,400	66	1.17	24	.43	3
Lansing	79,600			21	.26	
Marquette		35		7		5
River Rouge				4		
Sault Ste. Marie		18		9		2
Minnesota:						
Austin				5		
Hibbing				3		
St. Cloud				7		
Virginia		22		4		5
Winona		16		7		2
Mississippi:						
Meridian		49				
Missouri:						
Cape Girardeau				11		
Carthage				10		
Hannibal		6		0		
Independence				10		
Moberly				8		
St. Joseph	78,500			46	.59	
Springfield	51,700			49	.95	
Webster Groves				5		
Montana:						
Billings		5		5		1
Great Falls				9		
Missoula		12		8		1
Nebraska:						
Lincoln	71,100			19	.27	
North Platte		1		1		1
New Hampshire.						
Claremont				5		
Concord				31		
Dover				3		
Keene				7		
Manchester	85,700			39	.46	
Nashua				18		
New Jersey:						
Asbury Park		19		9		2
Belleville		34		13		3
Dover		9		5		1
East Orange	65,000	51	.78	21	.32	2
Englewood		9				
Garfield		36		4		9
Harrison		9				
Hoboken		99		35		3
Irvington		49		20		2
Kearny		38		10		3
Long Branch		26		11		2
Montclair		52		19		3
Morristown		12		4		3
Nutley		18		12		1
Orange	36,500	46	1.26	19	.52	2
Passaic	71,800	43	.60			
Phillipsburg		10		0		
Rutherford				3		
West New York		43		9		5
West Orange		21		10		2
New Mexico:						
Albuquerque		416		235		2
New York:						
Auburn	[1] 35,700	27	.76	13	.36	2
Batavia				6		
Beacon		14		7		2
Corning		24		7		3
Cortland		7		4		2
Elmira	50,000	3	.06			
Freeport		10		5		2
Geneva		17				
Gloversville		15		4		4
Hornell		14		2		7
Ithaca		15		3		5
Jamestown	46,000	37	.80	2	.04	18
Johnstown		13		6		2

[1] Population, State census, 1925.

TUBERCULOSIS (RESPIRATORY SYSTEM)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
New York—Continued.						
Mount Vernon	54,700	44	0.80	12	0.22	4
New Rochelle	48,800	71	1.45	11	.23	6
Newburgh	30,400	37	1.22	28	.92	1
Niagara Falls	68,300	96	1.41	11	.16	9
North Tonawanda		12		5		2
Olean		21		3		7
Oneida		9		3		3
Peekskill		18		5		3
Rensselaer		20		2		10
Rome				2		
Schenectady	93,300	99	1.06	30	.32	3
Watertown	33,700	33	.98	14	.42	2
Watervliet				8		
White Plains		40		15		3
North Carolina:						
Greensboro	51,900	121	2.33	39	.75	
High Point				6		
New Bern				15		
Raleigh		3				
Salisbury		47		14		3
Wilmington	39,100			15	.38	
Wilson				31		
Winston-Salem	80,000	214	2.67	65	.81	3
North Dakota:						
Fargo		27		7		4
Ohio:						
Ashland				2		
Ashtabula		13		10		1
Bucyrus		8		1		8
Cambridge		7		6		1
Cleveland Heights		31				
Conneaut		10		3		3
Coshocton		11		6		2
Cuyahoga Falls		12		6		2
East Cleveland		42				
East Liverpool		26		13		2
Elyria		15		10		1
Fostoria		12		6		2
Ironton				13		
Kenmore		24		9		3
Lima	49,700			20	.40	
Lorain	44,900	60	1.34	23	.51	3
Marietta				13		
Marion		14		10		1
Massillon		22		11		2
Middletown		34		16		2
New Philadelphia		9		2		4
Piqua		11		7		2
Portsmouth	41,200	70	1.70	26	.63	3
Salem		7		4		2
Sandusky		56		15		4
Steubenville				13		
Tiffin		8		3		3
Warren				11		
Zanesville		59		22		3
Oklahoma:						
Shawnee				31		
Oregon:						
Astoria		6		6		1
Salem		9		5		1
Pennsylvania:						
Braddock				18		
Butler		4		4		1
Charleroi		6				
Chester	74,200			46	.62	
Clairton				5		
Coatesville		3		3		1
Donora		10		6		2
Ellwood City		1				
Harrisburg	86,900	58	.67	37	.43	2
Homestead				8		
Jeannette		5				
Lancaster	58,300			38	.65	
Latrobe		2		1		2
McKeesport	50,400			22	.44	
Meadville				15		
Monessen		9				
Oil City				6		
Shenandoah		7				

TUBERCULOSIS (RESPIRATORY SYSTEM)—Continued

City	Estimated population, July 1, 1928	Cases reported, 1928	Cases per 1,000 inhabitants	Deaths registered, 1928	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania—Continued.						
Swissvale		8				
York	49,900			16	0.32	
Rhode Island:						
Newport	[1] 27,700	32	1.16	12	.43	3
Pawtucket	73,100			13	.18	
South Carolina:						
Charleston	75,900			68	.90	
Greenville				42		
South Dakota:						
Sioux Falls				12		
Texas:						
Amarillo	39,200			24	.61	
Austin	[4] 45,000	35	.78	21	.47	2
Galveston	50,600			35	.69	
Waco	46,600			34	.73	
Vermont:						
Barre				10		
Burlington				13		
Virginia:						
Alexandria				14		
Charlottesville				14		
Lynchburg	38,600	45	1.17	28	.73	2
Petersburg	37,800	91	2.41	53	1.40	2
Portsmouth	61,600	75	1.22	36	.58	2
Roanoke	64,600			37	.57	
Suffolk				58		
Washington:						
Aberdeen		27		13		2
Bremerton				4		
Everett				9		
Walla Walla		3		3		1
West Virginia:						
Clarksburg		21		15		1
Fairmont		4				
Wheeling		130		27		5
Wisconsin:						
Appleton		5		5		1
Beloit		10		6		2
La Crosse	30,400	56	1.84	[5] 13	[5] .43	4
Manitowoc				8		
Marinette				7		
Oshkosh	33,200	19	.57			
Racine	74,400			38	.51	
Superior				23		
Waukesha		3		2		1
West Allis		48		15		3
Wyoming:						
Cheyenne		14		4		3

[1] Population, State census, 1925. [4] Population, special census. [5] Includes 4 nonresidents

TULARAEMIA

City	Cases reported, 1928	Deaths registered, 1928	City	Cases reported, 1928	Deaths registered, 1928
Alabama:			**Kentucky:**		
Florence	1	0	Lexington	2	0
Arkansas:			**Missouri:**		
Little Rock	2	0	Hannibal	1	0
California:			**Montana:**		
Sacramento	2	0	Billings	1	0
Georgia:			Butte	2	0
Savannah	3	0	**Ohio:**		
Waycross	1	0	Portsmouth	3	0
Illinois:			**South Carolina:**		
Urbana	2	0	Greenville	1	0
Indiana:			**Virginia:**		
Terre Haute		1	Lynchburg	2	0
Iowa:			Newport News	1	0
Mason City	1	0			
Kansas:					
Wichita	2	0			

TYPHOID FEVER

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		3	8	12		1		12
Florence		4	8	1		0		
Gadsden		2	6	5		0		
Mobile	69,600	6	30	44	0.63	13	0.19	3
Montgomery	63,100			18	.29	3	.05	6
Selma		1	16	26		8		3
Arizona:								
Tucson		5	12	3		3		1
Arkansas:								
Fort Smith		5	28	31				
Helena		1	4	15		2		7
Little Rock	79,200	7	63	10	.13	1	.01	10
Pine Bluff				13		5		2
California:								
Alhambra		4	6	3		0		
Bakersfield		6	2	5		0		
Berkeley	71,000	7	17	6	.08	0		
Eureka		6	4	1		0		
Pasadena	62,100	7	9	2	.03	1	.02	2
Pomona		6	3	2		0		
Riverside		7	7	4		0		
Sacramento	75,700	7	44	[1] 32	[1] .42	3	.04	11
San Bernardino		6	8			2		
San Jose	45,500	7	2	3	.07	2	.04	1
Santa Ana		7	7	3		0		
Santa Barbara		3	0	1		0		
Stockton	51,000	5	9	9	.18	3	.06	3
Colorado:								
Boulder		7	6	3		0		
Colorado Springs		7	11	9		3		3
Pueblo	44,200	7	24	15	.34	3	.07	5
Connecticut:								
Bristol		6	4	1		0		
Danbury		2	6	1				
Greenwich		7	3	4		0		
Manchester		6	14	13		1		13
Meriden	37,100	6	7	4	11	0		
New Britain	72,800	6	9	4	.05	1	.01	4
New London		6	3	2		1		2
Norwich		7	4	3				
Stamford	43,800	3	6	1	.02	0		
Stratford		6	2	1				
Georgia:								
Athens		5	11	6		1		6
Brunswick		7	12	11		2		5
Columbus	46,600			6	.13	1	.02	6
Lagrange		3	23	6		2		3
Macon	61,200	7	51	36	.59	13	.21	3
Savannah	99,900	7	39	27	.27	4	.04	7
Waycross		2	10	13		1		13
Idaho:								
Pocatello		5	6	1		0		
Illinois:								
Berwyn		6	1			1		
Bloomington		7	4	5		2		2
Blue Island		6	2	3		2		1
Centralia		4	5			3		
Champaign		7	3	2				
Cicero	71,600	7	2	2	.03	1	.01	2
Decatur	57,100	5	14	4	.07	2	.04	2
East St. Louis	74,000	7	13	6	.08	4	.05	1
Elgin	36,000	7	6	1	.03	0		
Evanston	47,600	7	5	4	.08	1	.02	4
Galesburg		7	16	11		2		5
Granite City		2	3	7		0		
Jacksonville		7	24	22		0		
Joliet	41,900	5	22	11	.26	3	.07	4
Kewanee		5	4	1		0		
Maywood		7	1	2		0		
Moline	35,600	7	8	1	.03	0		
Oak Park	57,700	7	5	3	.05	1	.02	3
Ottawa		5	2	2		0		

[1] Infection outside of city.

TYPHOID FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Illinois—Continued.								
Pekin		7	2	1		0		
Quincy	39,800	7	16	3	0.08	1	0.03	3
Rockford	82,800	7	10	2	.02	0		
Springfield	67,200	7	15	14	.21	1	.01	14
Streator		5	4	1		1		1
Urbana		5	5	5		1		5
Waukegan		6	9	15		0		
West Frankfort		1	9	5				
Indiana:								
Anderson		7	4	4		1		4
Crawfordsville		7	1	3		0		
East Chicago	50,800	7	7	1	.02	0		
Elkhart		5	11	11		0		
Elwood		7	4	1		0		
Evansville	98,100	2	20	26	.27	3	.03	9
Gary	89,100	4	6	6	.07	0		
Hammond	56,000	5	15	1	.02	0		
Kokomo	40,400	7	9	11	.27	1	.02	11
La Fayette		7	3	2		1		2
Logansport		7	9	4		1		4
Mishawaka		7	6	1		0		
Muncie	46,800	7	12	5	.11	0		
New Albany		5	2	1		0		
Newcastle		5	3			1		
Peru		3	1	1		0		
South Bend	86,100	5	9	4	.05	1	.01	4
Vincennes		1	2			1		
Iowa:								
Boone		4	1			1		
Burlington		7	4	3		0		
Cedar Rapids	58,200	7	3	4	.07	0		
Davenport	[2] 52,500	5	5	3	.06	1	.02	3
Keokuk		1	5	5				
Mason City		6	4	4		0		
Sioux City	80,000	2	17	7	.09	3	.04	2
Waterloo	37,100	6	15	1	.03	0		
Kansas:								
Arkansas City		3	5	3		0		
Coffeyville		7	17	11		0		
Eldorado		6	8	1		0		
Emporia		5	8	6		0		
Fort Scott		7	5	7		1		7
Lawrence		7	6	2		0		
Leavenworth		7	3	4		0		
Pittsburg		6	12	5				
Topeka	62,800	7	20	8	.13	2	.03	4
Wichita	99,300	6	54	16	.16	2	.02	8
Kentucky:								
Covington	59,000	5	17	2	.03	2	.03	1
Lexington	48,700	5	17	17	.35	6	.12	3
Newport		4	11	10		2		5
Paducah		7	14	51				
Louisiana:								
Baton Rouge		6	8	3		1		3
Lake Charles		5	10	9				
Shreveport	81,300	5	27	44	.54	9	.11	5
Maine:								
Auburn		6	3	3		0		
Biddeford		7	6	6		1		6
Lewiston	36,600	7	6	2	.05	1	.03	2
Portland	78,600	7	34	21	.27	5	.06	4
Sanford		6	3	3		1		3
Waterville		7	5	3		1		3
Maryland:								
Cumberland		6	15	10		2		5
Frederick		2	5	4		0		
Massachusetts:								
Amesbury		5	1	2		1		2
Arlington		7	5	1		0		
Attleboro		7	2	3		1		3
Belmont		6	5	2		0		
Brockton	[2] 65,300	7	6	8	.12	1	.02	8

[2] Population, State census, 1925.

TYPHOID FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.								
Brookline	45,700	7	5	6	0.13	0		
Chelsea	49,800	7	16	4	.08	0		
Chicopee	45,400	7	1	16	.35	2	0.04	8
Easthampton		7	0	1		0		
Everett	43,300	7	7	3	.07	0		
Framingham		7	3	1		0		
Gardner		7	5	4		1		4
Greenfield		6	3	3		0		
Haverhill	[2] 49,200	7	7	3	.06	0		
Holyoke	60,400	5	4	1	.02	0		
Lawrence	[2] 93,500	7	20	5	.05	2	.02	2
Leominster		7	2	2		0		
Malden	53,400	7	8	2	.04	0		
Medford	52,900	7	6	3	.06	0		
Melrose		7	5	5		1		5
Methuen		7	3	1		0		
Milford		7	2	1		0		
Milton		3	0	1		0		
Newton	57,300	7	9	2	.03	0		
North Adams		7	5	5		0		
Northampton		7	5	2		0		
Norwood		5	1	2		0		
Palmer		4	2	1		0		
Pittsfield	50,000	7	8	3	.06	3	.06	1
Salem	43,000	7	2	2	.05	0		
Southbridge		7	3	1		0		
Taunton	40,600	6	6			4	.10	
Wakefield		7	4	2		0		
West Springfield		3	2	1		0		
Westfield		7	2	1		0		
Weymouth		1	0	2				
Michigan:								
Ann Arbor		7	5	2		0		
Battle Creek	47,200	6	7	3	.06	0		
Benton Harbor		6	2	2				
Cadillac		3	4	2		0		
Hamtramck	99,800	7	2	3	.03	0		
Highland Park	86,400	7	7	2	.02	0		
Ironwood		7	4	2		1		2
Jackson	63,700	7	12	4	.06	2	.03	2
Kalamazoo	56,400	7	14	12	.21	2	.04	6
Lansing	79,600	7	20	12	.15	2	.03	6
Marquette		5	2	3		0		
Pontiac	61,500	7	8	14	.23	0		
Port Huron		7	6	13		0		
River Rouge		4	9	5		3		2
Saginaw	75,600	7	49	31	.41	2	.03	15
Sault Ste. Marie		7	2	5		1		5
Minnesota:								
Brainerd				1		0		
Faribault		6	1	1		0		
St. Cloud		5	1	1		0		
Winona		6	2	4		0		
Mississippi:								
Greenville				15		0		
Jackson		5	28	23		3		8
Meridian		3	18	30				
Missouri:								
Cape Girardeau		2	2			3		
Carthage		1	6	2		1		2
Hannibal		2	3	11		0		
Independence		3	4	6		3		2
Joplin		6	12	5				
Moberly		5	6	11		1		11
St. Joseph	78,500	7	11	8	.10	1	.01	8
Springfield	51,700	6	19	11	.21	4	.08	3
Montana:								
Anaconda		6	1	1		0		
Billings		3	6	22		3		7
Great Falls		6	16	7		3		2
Missoula		5	6	2		1		2

[2] Population, State census, 1925.

TYPHOID FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Nebraska:								
Lincoln	71,100	7	10	8	0.11	1	0.01	8
North Platte		4	2	1		0		
New Hampshire:								
Berlin		6	4	1		0		
Claremont		4	1	2		0		
Dover		7	3			1		
Manchester	85,700	5	3	1	.01	1	.01	1
New Jersey:								
Asbury Park		7	4	8		2		4
Bayonne	95,000	6	9	5	.05	3	.03	2
Belleville		7	2	2		1		2
Clifton		6	6	1		0		
Dover		4	1	1		0		
East Orange	65,000	7	6	5	.08	0		
Garfield		6	1	1		0		
Hackensack		7	2	10		1		10
Hoboken		6	8	3		1		3
Irvington		6	5	4		2		2
Lodi		3	2	7		1		7
Long Branch		7	6	3		0		
Millville		2	2	2		0		
Montclair		7	3	3		1		3
Morristown		7	6	1		0		
New Brunswick	40,800	7	14	5	.12	2	.05	2
Orange	36,500	7	2	3	.08	0		
Passaic	71,800	7	5	1	.01	1	.01	1
Perth Amboy	50,100	7	6	1	.02	1	.02	1
Phillipsburg		5	4	2		0		
Plainfield		7	5	3		0		
Rahway		7	2	1		1		1
Rutherford		4	2	1		0		
Summit		7	3	2		0		
Weehawken				1				
West New York		7	2	5		0		
West Orange		6	1	2		0		
New Mexico:								
Albuquerque		4	16	14		2		7
New York:								
Amsterdam	36,200	6	9	3	.08	0		
Auburn	[2] 35,700	5	2	1	.03	1	.03	1
Batavia		2	2	4		0		
Binghamton	74,800	7	14	8	.11	1	.01	8
Cohoes		7	3	2		0		
Corning		6	6	4		1		4
Dunkirk		7	4	3		0		
Elmira	50,000	5	15	10	.20	1	.02	10
Endicott		4	2	2		0		
Geneva		6	4	3		0		
Gloversville		7	1	3		1		3
Hornell		7	5	5		2		2
Ithaca		7	8	8		1		8
Jamestown	46,000	7	5	2	.04	0		
Johnstown		5	1	1		0		
Kingston		6	22	9		0		
Little Falls		7	1	2		0		
Lockport		7	6	11		2		5
Mount Vernon	54,700	7	7	5	.09	0		
New Rochelle	48,800	7	11	5	.10	1	.02	5
Niagara Falls	68,300	7	9	2	.03	0		
North Tonawanda		7	6	2		0		
Olean		7	7	235		22		11
Oneida				1		0		
Poughkeepsie	39,100	7	5	3	.08	0		
Rome		7	4	6		0		
Saratoga Springs		7	2	7		2		3
Schenectady	93,300	7	20	15	.16	3	.03	5
Troy	72,300	7	17	11	.15	1	.01	11
Watertown	33,700	7	23	28	.83	2	.06	14
White Plains		7	5	5		0		
North Carolina:								
Asheville		7	19	8		0		
Concord				17				
Gastonia		1	4	1		0		
Greensboro	51,900	5	27	28	.54	4	.08	7

[2] Population, State census, 1925.

TYPHOID FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
North Carolina—Continued.								
High Point		2	22	5		0		
New Bern		5	1	6		2		3
Raleigh		7	13	7		4		2
Rocky Mount		4	5	[3] 6		0		
Salisbury		3	3	31		0		
Wilmington	39,100	7	16	8	0.20	[4] 2	[4] 0.05	4
Wilson		3	0	1		0		
Winston-Salem	80,000	6	32	40	.50			
North Dakota:								
Fargo		5	1	7		1		7
Ohio:								
Ashland		2	2	1		0		
Ashtabula		7	14	1		1		1
Barberton		7	5	11		1		11
Bellefontaine		2	15	5		0		
Cambridge		6	5	1		0		
Chillicothe		7	14	2		0		
Cleveland Heights		6	3	2		0		
Conneaut		4	2	2		1		2
Coshocton		4	11	2		0		
East Cleveland		7	5	2		0		
East Liverpool		6	6	4		0		
Elyria		7	4	2		0		
Fostoria		2	4	2		0		
Hamilton	44,200	7	8	16	.36	3	.07	5
Ironton		3	7	6		0		
Kenmore		7	1	1		0		
Lakewood	65,000	5	3	2	.03	0		
Lima	49,700	7	22	6	.12	1	.02	6
Lorain	44,900	7	7	4	.09	0		
Mansfield		7	15	8		3		3
Marion		5	6	8		0		
Massillon		1	1	5		0		
Middletown		7	13	11		2		5
New Philadelphia		5	3	1		0		
Niles		6	5	1		0		
Portsmouth	41,200			8	.19	1	.02	8
Sandusky		7	11	2		0		
Springfield	73,000	7	11	47	.64	3	.04	16
Steubenville		7	10	7		1		7
Tiffin		3	0	2		1		2
Warren		5	7	1		0		
Zanesville		7	8	9		2		4
Oklahoma:								
Shawnee				10		6		2
Oregon:								
Astoria		6	1	10		2		5
Salem		2	17	4				
Pennsylvania:								
Aliquippa		7	3	7		1		7
Allentown	99,400	5	38	31	.31	6	.06	5
Altoona	69,100	7	11	6	.09	0		
Beaver Falls		7	6	1				
Braddock		7	4	1		0		
Bradford		6	2	1		0		
Butler		7	9	1		0		
Canonsburg		5	4	8				
Carlisle		7	2	1				
Chambersburg		7	8	4		0		
Chester	74,200	5	15	6	.08	2	.03	3
Coatesville		7	2	1		0		
Connellsville		7	5			2		
Du Bois		4	3	2		0		
Duquesne		6	1	2		0		
Farrell		7	2	2				
Greensburg		4	4	2				
Harrisburg	86,900	7	17	8	.09	2	.02	4
Homestead		6	7	1		0		
Jeannette		7	4	6		0		
Kingston		5	1	1				
Lancaster	58,300	7	21	4	.07	0		
Latrobe		2	0	1		0		
Lewistown		4	10	2		0		
McKees Rocks		5	0	4				
McKeesport	50,400	6	10	2	.04	2	.04	1

[3] Includes 5 nonresidents.

[4] Nonresidents.

TYPHOID FEVER—Continued

City	Estimated population, July 1, 1928	Estimated expectancy		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Pennsylvania—Continued.								
Monessen		7	1	6		1		6
New Castle	52,500	6	11	1	0.02			
Norristown	36,200	7	12	10	.28	2	0.06	5
Oil City		7	3	1		1		1
Sharon		7	6	11		0		
Shenandoah		2	3	4		0		
Swissvale		7	5	1		0		
Uniontown		6	10	3		1		3
Warren		6	5	1		0		
Williamsburg				1		1		1
Williamsport	44,000	3	2	3	.07			
York	49,900	6	22	[5] 9	[5] .18	1	.02	9
Rhode Island:								
Bristol		1	3	1		0		
Central Falls		5	2			1		
South Carolina:								
Anderson		4	12			6		
Charleston	75,900	3	62	34	.45	5	.07	6
Columbia	50,600	6	38	15	.30	6	.12	2
Florence		2	21	49		1		49
Greenville		7	17			[6] 9		
Sumter		4	15	12		4		3
Texas:								
Amarillo	39,200	6	13	6	.15	4	.10	1
Austin	[7] 45,000	3	12	6	.13	2	.04	3
Beaumont	56,300	4	7	3	.05	1	.02	3
Galveston	50,600	7	25	19	.38	5	.10	3
San Angelo		1	8			1		
Tyler		7	6	8		0		
Waco	46,600	7	12	8	.17	2	.04	4
Wichita Falls		2	0	3				
Utah:								
Ogden	39,100	7	10	4	.10	1	.03	4
Vermont:								
Bennington		4	2	2				
Burlington		4	1	1		0		
Rutland		3	2	17				
Virginia:								
Lynchburg	38,600	6	24	49	1.27	5	.13	9
Newport News	53,300	7	11	25	.47	5	.09	5
Petersburg	37,800	7	18	6	.16	2	.05	3
Portsmouth	61,600	6	31	54	.88	2	.03	27
Roanoke	64,600	6	34	8	.12	6	.09	1
Suffolk		2	20	4		2		2
Washington:								
Aberdeen		7	4	3		0		
Bremerton		3	3	1		1		1
Everett		5	13	3		1		3
Walla Walla		5	12			11		
Yakima		7	7	19		3		6
West Virginia:								
Charleston	55,200	7	42	37	.67	12	.22	3
Clarksburg		5	9	5		1		5
Fairmont		7	19	2				
Huntington	68,600	4	25	11	.16			
Parkersburg		3	5	1				
Wheeling		6	35	10		2		5
Wisconsin:								
Appleton		5	4	1		1		1
Beloit		7	0	[8] 125		[8] 4		31
Eau Claire		7	3	1		0		
Green Bay	36,100	7	7	1	.03	0		
Kenosha	56,500	7	6	3	.05	0		
La Crosse	30,400	7	8	3	.10	[9] 1	[9] .03	3
Madison	50,500	7	7	5	.10	0		
Marinette		6	8	1		0		
Oshkosh	33,200	7	4	3	.09	0		
Racine	74,400	7	6	1	.01	0		
Sheboygan	35,100	7	5	1	.03	1	.03	1
Superior		5	0	3		0		
Wausau		7	6	3		0		
Wyoming:								
Cheyenne		3	2	2		1		2

[5] Includes 1 nonresident.
[6] Includes nonresidents.
[7] Population, special census.
[8] Includes paratyphoid fever.
[9] Nonresident.

TYPHUS FEVER

City	Cases reported, 1928	Deaths registered, 1928	City	Cases reported, 1928	Deaths registered, 1928
Alabama:			North Carolina:		
Mobile	10	1	Concord	1	
Georgia:			South Carolina:		
Savannah	63	1	Charleston	1	0
Waycross	7	0	Virginia:		
			Alexandria	2	0

UNDULANT FEVER

City	Cases reported, 1928	Deaths registered, 1928	City	Cases reported, 1928	Deaths registered, 1928
Alabama:			Missouri:		
Bessemer	1	0	Moberly	1	0
California:			New Hampshire:		
Pasadena	1	0	Claremont	2	0
Santa Barbara	1	0	New Jersey:		
Connecticut:			Montclair	1	0
Meriden	2	0	New York:		
Georgia:			Auburn	1	0
Macon	3	1	Little Falls	1	0
Savannah	1	0	Middletown	1	0
Waycross	7	0	North Carolina:		
Illinois:			High Point	1	0
Cicero	1	1	North Dakota:		
Iowa:			Fargo	1	0
Mason City	5	0	Ohio:		
Sioux City	2	0	Marietta	1	0
Maine:			Oregon:		
Waterville	2	0	Astoria	1	1
Maryland:			Salem	1	0
Frederick	2	0	West Virginia:		
Michigan:			Wheeling	1	0
Port Huron	3	0			

WHOOPING COUGH

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Alabama:								
Bessemer		3	15			1		
Mobile	69,600	2	9	4	0.06	4	0.06	1
Montgomery	63,100			17	.27	1	.02	17
Selma		1	82	6		1		6
Arizona:								
Douglas		2	3	18		1		18
Tucson		3	10	8		0		
Arkansas:								
Fort Smith		5	153	68				
Helena		1	5	9		0		
Little Rock	79,200	6	28	21	.27	0		
Pine Bluff				21		0		
California:								
Alhambra		4	47	44		0		
Bakersfield		5	22	55		1		55
Berkeley	71,000	6	323	163	2.30	0		
Pasadena	62,100	6	245	268	4.32	2	.03	134
Pomona		5	27	27		0		
Riverside		6	79	51		1		51
Sacramento	75,700	6	55	126	1.66	5	.07	25
San Bernardino		5	53	62		5		12

WHOOPING COUGH—Continued

City	Estimated population, July 1, 1928	Average, 1922–1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
California—Continued.								
San Jose	45,500	4	300	119	2.62	3	0.07	40
Santa Ana		6	24	220		1		220
Santa Barbara		4	53	159		1		159
Santa Cruz		2	2	5		0		
Santa Monica		2	27			2		
Stockton	51,000	4	61	379	7.43	2	.04	189
Vallejo		2	6	1		0		
Colorado:								
Boulder		6	59	18		0		
Colorado Springs		6	104	170		1		170
Pueblo	44,200	6	22	39	.88	10	.23	3
Trinidad		3	23	1		0		
Connecticut:								
Bristol		4	28	89		0		
Danbury		1	4	28		0		
Fairfield		6	29	86		0		
Greenwich		6	115	241		3		80
Manchester		5	3	68		1		68
Meriden	37,100	5	62	324	8.73	1	.03	324
New Britain	72,800	6	105	171	2.35	3	.04	57
New London		5	152	155		4		39
Norwich		6	17	69				
Stamford	43,800	4	61	267	6.10	0		
Stratford		5	13	[1] 90				
West Hartford		2	158	54		0		
Georgia:								
Athens		5	24	39		0		
Brunswick		6	10	1		0		
Columbus	46,600					1	.02	
Lagrange		3	10	15		1		15
Macon	61,200	6	194	181	2.96	2	.03	90
Savannah	99,900	6	34	34	.34	3	.03	11
Waycross		2	39	4		0		
Idaho:								
Boise		5	7	18		0		
Pocatello		4	15	10		0		
Illinois:								
Aurora	47,100	5	117	51	1.08	1	.02	51
Berwyn		6	68	69		0		
Bloomington		6	129	98		0		
Blue Island		6	25	23		0		
Champaign		6	42	11				
Chicago Heights		5	6	8		1		8
Cicero	71,600	6	80	114	1.59	0		
Decatur	57,100	5	102	295	5.17	4	.07	74
East Moline		4	63	15				
East St. Louis	74,000	6	32	31	.42	1	.01	31
Elgin	36,000	6	152	100	2.78	1	.03	100
Evanston	47,600	6	296	443	9.31	1	.02	443
Galesburg		6	98	60		0		
Granite City		2	19	7		2		3
Jacksonville		6	60	6		0		
Joliet	41,900	4	21	47	1.12	2	.05	23
Kewanee		5	43	96		0		
Maywood		5	44	98				
Moline	35,600	5	79	170	4.78	1	.03	170
Oak Park	57,700	6	367	356	6.17	0		
Ottawa		3	5	[1] 75		1		75
Pekin		6	34	53		0		
Quincy	39,800	6	99	82	2.06	0		
Rock Island	42,700	6	167	113	2.65	0		
Rockford	82,800	6	192	311	3.76	0		
Springfield	67,200	6	185	124	1.85	2	.03	62
Streator		4	4	5		0		
Urbana		4	42	20		0		
Waukegan		5	34	129		0		
Indiana:								
Anderson		4	66	119		1		119
Crawfordsville		6	10	21		0		
East Chicago	50,800	6	16	9	.18	1	.02	9
Elkhart				6		0		
Evansville	98,100	2	80	121	1.23	2	.02	60

[1] Estimated.

WHOOPING COUGH—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Indiana—Continued.								
Gary	89,100	4	15	3	0.03	0		
Hammond	56,000	4	28	11	.20	0		
Kokomo	40,400	6	7	6	.15	0		
La Fayette		6	7	1		0		
La Porte		2	7			1		
Logansport		3	2	3		0		
Mishawaka		5	9	9		1		9
Muncie	46,800	6	138	171	3.65	1	0.02	171
New Albany				6		0		
Newcastle		4	3			1		
Peru		2	3	2		0		
Richmond		6	14	2		0		
South Bend	86,100	6	75	81	.94			
Terre Haute	73,500	5	49	27	.37	3	.04	9
Iowa:								
Boone		3	7	2		0		
Burlington		6	40	37		0		
Cedar Rapids	58,200	3	45	36	.62	1	.02	36
Davenport	[2] 52,500	5	21	7	.13	0		
Fort Dodge		2	3	2				
Keokuk		1	30	49				
Mason City		5	1	20		0		
Sioux City	80,000	3	15	96	1.20	[3] 2	[3] .02	48
Waterloo	37,100	5	134	161	4.34			
Kansas:								
Arkansas City		3	10	3		0		
Atchison		2	3	18				
Coffeyville		6	33	8		0		
Eldorado		5	76	13		0		
Emporia		4	41	5		3		2
Fort Scott		6	18	4		0		
Lawrence		6	36	18		0		
Leavenworth		6	15	31		1		31
Pittsburg		5	7	11				
Topeka	62,800	6	381	332	5.29	5	.08	66
Wichita	99,300	5	337	248	2.50	6	.06	41
Kentucky:								
Covington	59,000	5	10	10	.17	4	.07	2
Lexington	48,700	4	88	20	.41	1	.02	20
Paducah		6	134	71				
Louisiana:								
Lake Charles		5	19	34		1		34
Shreveport	81,300	5	15	44	.54	3	.04	15
Maine:								
Auburn		5	39	86		0		
Bath		6	27	2		0		
Biddeford		6	20	30		1		30
Lewiston	36,600	6	106	167	4.56	0		
Portland	78,600	6	197	224	2.85	4	.05	56
Waterville		6	32	123		2		61
Westbrook				1		0		
Maryland:								
Cumberland		5	36	8		0		
Frederick		2	7	12		0		
Massachusetts:								
Adams		6	10	3		1		3
Amesbury		5	9	31		0		
Arlington		6	100	240		0		
Attleboro		6	54	13		0		
Belmont		5	82	168		0		
Beverly		6	31	22		0		
Braintree		5	45	10		0		
Brockton	[2] 65,300	6	172	201	3.08	2	.03	100
Brookline	45,700	6	172	189	4.14	1	.02	189
Chelsea	49,800	6	57	57	1.14	0		
Chicopee	45,400	6	18	37	.81	2	.04	18
Danvers		6	12	35				
Dedham		5	22	10		0		
Easthampton		6	11	4		1		4
Everett	43,300	6	81	59	1.36	6	.14	10
Framingham		6	55	131		1		131

[2] Population, State census, 1925.

[3] Includes 1 nonresident.

WHOOPING COUGH—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Massachusetts—Continued.								
Gardner		6	22	3		0		
Greenfield		5	75	53		0		
Haverhill	[3] 49,200	6	120	102	2.07	3	0.06	34
Holyoke	60,400	4	64	39	.65	1	.02	39
Lawrence	[3] 93,500	6	140	105	1.12	7	.07	15
Leominster		6	28	48		2		24
Malden	53,400	6	111	118	2.21	2	.04	59
Medford	52,900	6	114	133	2.51	0		
Melrose		6	38	38		0		
Methuen		6	87	70		0		
Milford		6	11	10		0		
Milton		3	44	65		0		
Natick		5	30	21		0		
Newburyport		6	27	29				
Newton	57,300	6	338	359	6.27	1	.02	359
North Adams		6	6	16		3		5
Northampton		6	40	56		0		
Northbridge		6	24	11		0		
Norwood		4	13	15		0		
Palmer		4	2			1		
Peabody		6	29	29		1		29
Pittsfield	50,000	6	48	22	.44	2	.04	11
Plymouth		5	18	16		0		
Quincy	67,600	6	141	91	1.35	3	.04	30
Salem	43,000	6	59	41	.95	0		
Saugus		6	24	5		0		
Southbridge		6	6	7		4		2
Taunton	40,600	6	21	44	1.08			
Wakefield		6	16	24		0		
Watertown		6	78	131		0		
Webster		4	2	27				
West Springfield		3	11	7		0		
Westfield		6	10	58		0		
Weymouth		1	30	19		0		
Winchester		6	44	71				
Winthrop		6	57	37		0		
Woburn		5	13	10		0		
Michigan:								
Adrian		5	13	6		1		
Ann Arbor		6	84	119		0		
Battle Creek	47,200	5	108	91	1.93	0		
Benton Harbor		6	10	34				
Cadillac				61		0		
Hamtramck	99,800	6	23	18	.18	1	.01	18
Highland Park	86,400	6	197	271	3.14	4	.05	68
Ironwood		6	60	95		1		95
Ishpeming		6	8	1		0		
Jackson	63,700	6	203	340	5.34	4	.06	85
Kalamazoo	56,400	6	200	286	5.07	3	.05	95
Lansing	79,600	6	259	298	3.74	2	.03	149
Marquette		5	28	36		0		
Muskegon	46,600	6	50	6	.13	0		
Owosso				43		0		
Pontiac	61,500	6	167	330	5.37	12	.20	27
Port Huron		6	151	140		0		
River Rouge		4	2	1		0		
Saginaw	75,600	6	142	67	.89	2	.03	33
Sault Ste. Marie		6	30	11		0		
Minnesota:								
Albert Lea		1	4	1		0		
Austin		2	3	68		0		
Brainerd				12		0		
Faribault		5	1	2		0		
St. Cloud				1		0		
Winona		6	76	19		0		
Mississippi:								
Greenville				156		0		
Jackson		5	210	432		0		
Meridian		3	95	79				
Missouri:								
Cape Girardeau		2	5	3		1		3
Carthage				38		0		

[3] Population, State census, 1925.

WHOOPING COUGH—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Missouri—Continued.								
Hannibal		3	7	53		0		
Independence		4	24	3		0		
Joplin		5	5	4				
Moberly		3	6	34		0		
St. Joseph	78,500	6	42	45	0.57	0		
Springfield	51,700	5	16	44	.85	7	0.14	6
Webster Groves		1	30	70		0		
Montana:								
Anaconda		3	8			1		
Billings		2	79	74		4		18
Butte	43,600	4	0	6	.14	6	.14	1
Great Falls		5	32	76		1		76
Helena		5	2	5		0		
Missoula		3	14	7		0		
Nebraska:								
Grand Island		6	11	10		0		
Lincoln	71,100	6	253	261	3.67	0		
North Platte		4	8	2		1		2
New Hampshire:								
Claremont		4	11	7		0		
Dover		6	24	3		0		
Keene		6	11	18		0		
Laconia		2	60	142		1		142
Manchester	85,700	3	11			15	.18	
Nashua		5	4	8		2		4
New Jersey:								
Asbury Park		6	39	28		0		
Bayonne	95,000	5	15	11	.12	6	.06	2
Belleville		6	56	73		0		
Bloomfield		6	145	171		0		
Bridgeton		6	7	9		0		
Clifton		5	18	20		0		
Dover		4	63	97		0		
East Orange	65,000	6	365	205	3.15	2	.03	102
Englewood		5	77	82				
Garfield		5	8	5		0		
Gloucester		3	7	17				
Hackensack		6	48	15		0		
Harrison		6	27	23				
Hoboken		6	16	8		0		
Irvington		5	183	199		1		199
Kearny		5	98	168		1		168
Lodi		3	14	1		0		
Long Branch		6	65	71		0		
Millville		2	34	6		0		
Montclair		6	187	98		3		33
Morristown		6	53	65		0		
New Brunswick	40,800	6	1	4	.10	0		
Nutley		2	14	39		0		
Orange	36,500	6	180	114	3.12	1	.03	114
Passaic	71,800	6	74	40	.56	1	.01	40
Perth Amboy	50,100	6	11	21	.42	1	.02	21
Plainfield		6	88	117		1		117
Rahway		6	7	23		0		
Ridgefield Park		4	16	38		0		
Rutherford		4	60	25		0		
Summit		6	49	24		0		
Weehawken				5				
West New York		5	2	6		0		
West Orange		6	102	89		0		
New Mexico:								
Albuquerque		3	22	26		1		26
New York:								
Amsterdam	36,200	6	70	8	.22	1	.03	8
Auburn	[2] 35,700	4	37	53	1.48	1	.03	53
Batavia		2	29	31		0		
Beacon		2	20	10		0		
Binghamton	74,800	6	292	208	2.78	9	.12	23
Cohoes		6	20	19		0		
Corning		5	34	16		0		
Cortland		5	7	14		0		
Dunkirk		6	44	34		2		17

[2] Population, State census, 1925.

WHOOPING COUGH—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
New York—Continued.								
Elmira	50,000	5	298	289	5.78	1	0.02	289
Endicott		4	107	11		0		
Freeport		3	19	10		1		10
Geneva		5	24	5		0		
Gloversville		6	64	13		0		
Hornell		6	156	51		1		51
Ithaca		6	127	27		1		27
Jamestown	46,000	6	246	490	10.65	0		
Johnstown		4	23	4		0		
Kingston		6	41	46		0		
Little Falls		6	47	2		0		
Lockport		6	33	54		2		27
Middletown		5	50	37		0		
Mount Vernon	54,700	6	115	121	2.21	2	.04	60
New Rochelle	48,800	6	78	67	1.37	1	.02	67
Newburgh	30,400	6	33	23	.76	1	.03	23
Niagara Falls	68,300	6	117	196	2.87	8	.12	24
North Tonawanda		6	44	38		0		
Olean		6	126	347		0		
Oneida				11		0		
Ossining		2	25	37		0		
Peekskill		6	40	32		1		32
Poughkeepsie	39,100	6	91	7	.18	0		
Rensselaer		5	5	21		0		
Rome		6	25	153		0		
Saratoga Springs		6	62	48		0		
Schenectady	93,300	6	299	257	2.75	1	.01	257
Troy	72,300	6	88	104	1.44	1	.01	104
Watertown	33,700	6	194	60	1.78	0		
White Plains		6	125	120		0		
North Carolina:								
Asheville		6	92	49		0		
Concord				151				
Gastonia		1	46	20		0		
Greensboro	51,900	6	381	121	2.33	1	.02	121
High Point		2	127	20		0		
New Bern		5	42	2		0		
Raleigh		6	303	108		1		108
Rocky Mount		5	205	59		1		59
Salisbury		2	122	120		0		
Wilmington	39,100	6	221	48	1.23	0		
Wilson		1	33	39		0		
Winston-Salem	80,000	6	473	49	.61			
North Dakota:								
Fargo		2	158	191		0		
Ohio:								
Ashtabula		6	43	16		0		
Barberton		5	10	4		0		
Bellefontaine		2	13	2		0		
Bucyrus		6	31	43		1		43
Campbell		5	11	3		0		
Cleveland Heights		6	197	201		0		
Conneaut		3	21	6		0		
Cuyahoga Falls		6	57	138		0		
East Cleveland		6	179	115		0		
Elyria		6	63	68		1		68
Findlay		6	78	64		1		64
Fostoria		2	3	11		0		
Hamilton	44,200	5	6	32	.72	2	.05	16
Kenmore		6	95	102		0		
Lakewood	65,000	5	96	173	2.66			
Lima	49,700	6	40	38	.76	2	.04	19
Lorain	44,900	6	167	83	1.85	0		
Mansfield		6	124	85		0		
Marietta		3	38	9		0		
Marion				12		1		12
Martins Ferry		3	0	4		0		
Middletown		4	9			2		
New Philadelphia		3	0	2		0		
Niles		5	13	8		0		
Norwood		6	46	29		0		
Portsmouth	41,200			3	.07	0		

WHOOPING COUGH—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Ohio—Continued.								
Salem		6	66	121		3		40
Sandusky		6	66	2		0		
Springfield	73,000	6	142	41	0.56	1	0.01	41
Steubenville		5	6	1		1		1
Tiffin		3	24	48		0		
Warren		4	42	54		0		
Zanesville		6	7	1		0		
Oregon:								
Salem		2	34	7		0		
Pennsylvania:								
Aliquippa		6	45	83		0		
Allentown	99,400	4	172	327	3.29	4	.04	82
Altoona	69,100	6	144	276	3.99	2	.03	138
Beaver Falls		6	10	36				
Braddock		6	36	31		0		
Bradford		4	88	101		0		
Butler		6	74	47		1		47
Canonsburg		4	3	4				
Carlisle		6	30	2				
Chambersburg		5	8	2		0		
Charleroi		5	11	32				
Chester	74,200	4	62	26	.35	0		
Clairton		5	20	24		0		
Coatesville		6	19	3		0		
Connellsville		6	10	26		0		
Donora		5	6	3		0		
Du Bois		4	15	25		0		
Duquesne		5	6	12		6		2
Easton	38,400	5	65	45	1.17	0		
Farrell		6	28	21				
Greensburg		4	8	14				
Harrisburg	86,900	6	158	179	2.06	1	.01	179
Homestead		6	21	11		0		
Kingston		5	63	22				
Lancaster	58,300	6	165	318	5.45	4	.07	79
Lewistown		4	16	43		0		
McKees Rocks		4	17	3				
McKeesport	50,400	6	44	44	.87	1	.02	44
Mahanoy City		1	1	13				
Meadville		2	24	16		0		
Monessen		6	30	17		2		8
Nanticoke		5	0	4		0		
New Castle	52,500	6	32	20	.38			
Norristown	36,200	6	104	208	5.75	1	.03	208
North Braddock		6	32	38		0		
Oil City		6	164	40		0		
Phoenixville		5	29	44		0		
Pittston		5	1	2				
Sharon		6	37	58		0		
Shenandoah		3	5	12		0		
Steelton		5	8	18		0		
Swissvale		6	42	17		3		6
Uniontown		5	31	36		0		
Warren		5	56	60		0		
Williamsburg		1	1	18		0		
Williamsport	44,000	3	80	187	4.25			
York	49,900	5	51	22	.44	1	.02	22
Rhode Island:								
Cranston	37,500	6	7	8	.21	2	.05	4
Pawtucket	73,100	3	46	29	.40	0		
South Carolina:								
Charleston	75,900	4	40	44	.58	4	.05	11
Columbia	50,600	5	69	87	1.72	1	.02	87
Florence		2	2	7				
Greenville		6	88	75		3		25
Sumter		4	10	1		0		
South Dakota:								
Aberdeen		6	71	53		0		
Texas:								
Amarillo	39,200	4	65			2	.05	
Austin	[4] 45,000	3	4			1	.02	

[4] Population, special census.

WHOOPING COUGH—Continued

City	Estimated population, July 1, 1928	Average, 1922-1927		1928				
		Number of years	Cases	Cases reported	Cases per 1,000 inhabitants	Deaths registered	Deaths per 1,000 inhabitants	Cases reported for each death registered
Texas—Continued.								
Beaumont	56,300	2	1			2	0.04	
Waco	46,600	4	3	4	0.09	0		
Wichita Falls		2	0	34				
Utah:								
Ogden	39,100	6	231	242	6.19	2	.05	121
Vermont:								
Barre		6	25	16				
Bennington		4	55	81				
Burlington		3	21	8		0		
Rutland		2	77	51				
Virginia:								
Alexandria		6	13	11		0		
Charlottesville		5	8	36		0		
Danville		6	43	4		0		
Lynchburg	38,600	5	180	226	5.85	1	.03	226
Newport News	53,300	6	166	107	2.01	0		
Petersburg	37,800	6	69	26	.69	2	.05	13
Portsmouth	61,600	3	3			1	.02	
Roanoke	64,600	5	43	25	.39	5	.08	5
Suffolk		2	15	30		0		
Washington:								
Aberdeen		5	3	9		0		
Bremerton		3	64	24		0		
Everett		4	33	15		0		
Walla Walla		5	13	1		0		
Yakima		6	129	21		0		
West Virginia:								
Charleston	55,200	6	103	139	2.52	2	.04	69
Clarksburg		6	248	47		0		
Fairmont		6	47	2				
Parkersburg		2	8	5				
Wheeling		6	61	13		1		13
Wisconsin:								
Appleton		4	23	5		0		
Beloit		6	151	65		0		
Eau Claire		6	76	99		0		
Green Bay	36,100	6	43	9	.25	0		
Kenosha	56,500	6	258	291	5.15	0		
La Crosse	30,400	6	117	29	.95	0		
Madison	50,500	5	307	29	.57	0		
Manitowoc		5	32	52		0		
Marinette		5	23	15		0		
Oshkosh	33,200	6	62	3	.09	0		
Racine	74,400	6	317	329	4.42	2	.03	164
Sheboygan	35,100	6	22	10	.28	0		
Waukesha		4	36	37		0		
Wausau		6	87	215		0		
West Allis		6	36	88		0		
Wyoming:								
Cheyenne		3	8	21		1		21

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